

MEETING AGENDA Senders Initials JS.
 ENVIRONMENTAL PROTECTION COMMISSION
 WALLACE STATE OFFICE BUILDING
 DES MOINES, IOWA
 October 15-16, 1990

Meeting convenes at 10:00 a.m., October 15, 1990 in the fourth floor conference room and reconvenes on October 16, 8:30 a.m., if necessary.

Appointments:

- | | |
|---|------------|
| Public Participation (October 15) | 10:30 a.m. |
| Debbie Neustadt (October 15) | 11:00 a.m. |
| Break | 3:00 p.m. |
| Ken Pap (Sun Wise Systems Referral) — — — | 3:30 p.m. |
| Eldon Winkle (Donald Maasdam Contested Case Appeal) — — | 4:00 p.m. |
1. Approve Agenda. Russell Smith (Item #13)
 2. Approve Minutes of September 17-18, 1990.
 3. Director's Report. (Wilson) Information.
 4. Landfill Alternatives Grant Contract. (Hay) Decision.
 5. Midwest Low Level Radioactive Waste Compact - Update. (Hay) Information.
 6. Federal Fiscal Year UHL Contract Approval. (Kuhn) Decision.
 7. Budget Request--FY 92/93 Approval. (Kuhn) Decision.
 8. Financial Status Report. (Kuhn) Information.
 9. Monthly Reports. (Stokes) Information.
 10. State Revolving Fund Intended Use Plan. (Stokes) Information.
 11. Construction Grant Priority List FY 91, Approval. (Stokes) Decision.
 12. Final Rule--Chapter 60, Definitions and Chapter 62, Federal Effluent and Pretreatment Standards. (Stokes) Decision.
 13. Final Rule--Chapter 61, Water Quality Standards - Human Health Criteria. (Stokes) Decision.
 14. Notice of Intended Action--Chapters 70, 71, 72, 73, 74 and 75, Floodplain Development Permits. (Stokes) Decision.
 15. Notice of Intended Action--Chapter 136, Adopting Rule Changes Made in Federal Regulations. (Stokes) Decision.

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16. Notice of Intended Action--Chapter 135 Amendment, Adopting U.S. EPA Rule Changes and Rules on Issuance of a Certificate Evidencing Completion of Remediation. (Stokes) Decision.
17. Notice of Intended Action--Chapter 135, Determination of Insolvency - UST Owners. (Stokes) Decision.
18. Proposed Contested Case Decision--Novak; Booth; Brammer. (Combs) Decision.
19. Contested Case Decision Appeal--Donald Ray Maasdam. (Combs) Decision.
20. Referrals To The Attorney General. (Combs) Decision.
 - (a) Donald Null (Camanche)
 - (b) Gerald Pregler (Peosta)
 - (c) Sun Wise Systems Corporation (Sac City)
 - (d) Amoco Oil Company (Des Moines and Ames)
 - (e) United Technologies Automotive (Iowa City)
 - (f) Ruth Ann Coe
21. Legislation. (Combs) Decision.
22. General Discussion Items.
23. Address Items for Next Meeting.

NEXT MEETING DATES

November 19-20, 1990
December 17-18, 1990
January 22-23, 1991 (Tues & Wed)

*12A-Emergency Adopted Rule, Chapter 209 Amendment, Solid Waste
Demonstration Grants*

ENVIRONMENTAL PROTECTION COMMISSION

Monday, October 15, 1990

NAME	COMPANY OR AGENCY	CITY
Steve Schombar	Attorney	Des Moines, IA
Moynard Jayne	Iowa Cattlemen	Ames
Debbie Zerst	Sierra Club	Des Moines, IA
Russ Smith	Solvay Animal Health	Charles City, IA
Neil Leipzig	Solvay Animal Health	Charles City, IA
Robert G. Monroe	Mayor - Charles City	
Cynthia Hubert	DM REGISTER	DM
Kim E. Niles	IA Wildlife Federation	W.D.M. IA.
Shirley Kuchner	Sanford Museum Assn.	Quincy
Lon R. Allan	Cherokee County Conservation Board	Cherokee
David Phipps	Cherokee County	Cherokee
Beck James	Cherokee County	Phanabess
Ardyce McCormack	Cherokee	Larrabee
Bruce Amundson	Cherokee	Larrabee
David Wilson	Iowa Farm Bureau	W.D.M.

ENVIRONMENTAL PROTECTION COMMISSION

NAME

COMPANY OR AGENCY

CITY

Edna Johnson		Larrabee, Ia.
Rosemary Fessler	"Save Steel Prairie"	Larrabee, Ia.
CH Fessler Jr	" " "	" "
Donna Amundson		Larrabee
Mary Bierman	" " "	Larrabee
Jean Freed	" " "	Cherokee
Alicia Anderson	" " "	R4 Cherokee
Debie Anderson	" " "	RR & Cherokee
Diane Magnusson	" " "	Paulina, IA
Kyle Kneaf	" " "	Cherokee, Iowa
Gust E. Anderson	" " "	R-R4 Cherokee-T2
Neal D. Anderson	" " "	RR4-Cherokee
Tony J. Davis	" " "	Cherokee, IA.
David Phipps	" " "	Cherokee Ia
Roy Hammond	Consulting Eng.	Elgin IA

ENVIRONMENTAL PROTECTION COMMISSION

Monday, Oct. 15, 1990

NAME

COMPANY OR AGENCY

CITY

Christy Amundson Save Steele Prairie

Larrabee

Brian James

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Larrabee

Brandie James

Larrabee

Jerry Brown

Larrabee

Cory Brown

"

"

Scott Brown

"

"

Leverly Beck

Larrabee

Janet Johnson

Larrabee

Andy Baumer

Iowa Pork Producers Assoc.

E. Keni Kelly

The Nature Conservancy

Theresa Kehoe

Senate Demo Staff

Cindy Hildebrand

Iowa Audubon Council

Jane Ann Begbee

Marengo

Don Ewin

FT Dodge

Mark B. Tarrish

House Dem. Caucus

DSM

ENVIRONMENTAL PROTECTION COMMISSION

October 15, 1990

NAME	COMPANY OR AGENCY	CITY
Dan Priebe	IFCA	Des Moines
Jane McAllister	Ahlens Law firm	Des Moines
Rick Robinson	Iowa Farm Bureau	West Des Moines
NATHAN SHEPHERD	ICAN	Iowa City
JACK SOENER	ABI	DES MOINES
KENNETH R PAP	SUNWISE SYSTEMS	SAC CITY
Charles Schulte	" "	Sac City

RECORD COPY EPC Meeting
File Name ADM-1-1-1 Oct. 1990
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Minutes of the Environmental Protection Commission Meeting

October 15, 1990

Wallace State Office Building, Des Moines, Iowa

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OCTOBER 1990 COMMISSION MEETING

The meeting of the Environmental Protection Commission was held in the Wallace State Office Building, Des Moines, Iowa, convening at 10:00 a.m. on October 15, 1990.

MEMBERS PRESENT

Mike Earley, William Ehm, Richard Hartsuck, Rozanne King, Charlotte Mohr, Margaret Prahl, Nancylee Siebenmann, and Clark Yeager

MEMBERS ABSENT

Gary Priebe

ADOPTION OF AGENDA

The following item and appointments were added to the agenda:

Item #12A - Emergency Adopted Rule--Chapter 209, Solid Waste
Demonstration Project Grants

Appointments:

Ken Pap (Sun Wise Systems Referral) - 3:30 p.m.
Eldon Winkle (Item 19) - 4:00 p.m.
Russell Smith (to address Item 13)

Motion was made by Richard Hartsuck to approve the agenda as amended. Seconded by William Ehm. Motion carried unanimously.

ADOPTION OF MINUTES

Motion was made by William Ehm to approve the minutes of September 17-18, 1990 as presented. Seconded by Richard Hartsuck. Motion carried unanimously.

DIRECTOR'S REPORT

Larry Wilson, Director, distributed a brochure announcing an upcoming Public Policy Education Project which is a statewide town meeting on future directions in waste management.

Director Wilson displayed a plaque awarded to the department, the National Energy Program Innovation Award. This is the top award given by the National Association of State Energy Officials. The award was given for programs the department developed linking energy and the environment.

Richard Hartsuck commended the Director on this award and noted that it speaks very well of the department.

LANDFILL ALTERNATIVES GRANT CONTRACT

Teresa Hay, Division Administrator, Waste Management Authority Division, presented the following item.

A total of nine applications were selected for funding in the current round of the Landfill Alternatives Grant program. Six contract summaries have been approved and two are under \$25,000. The Commission is requested to approve the attached contract for Marshalltown.

The City of Marshalltown

The City of Marshalltown will be constructing a comprehensive yard waste processing facility. The project will include composting of yard waste and fire wood processing. The grant of \$150,000 will pay for equipment and aid in site development.

(Scope of Work is shown on the following 2 1/2 pages)

SCOPE OF WORK

1. The Contractor shall implement a yard waste composting, firewood processing and tree chipping facility that will serve Marshall County.
2. The Contractor shall develop a specific education and advertising strategy to promote the yard waste composting, firewood processing and tree chipping facility to the entities that will be using the facility.
3. The Contractor shall investigate the potential markets available for the compost, firewood, and mulch. Where appropriate, contracts for selling material produced by the facility will be obtained. The Contractor shall include in the final report an analysis of the available markets and those utilized for the Project.
4. The Contractor shall prepare detailed plans and specifications for the composting, firewood and tree chipping facility. The Contractor shall submit the plans and specifications for the facility to the Environmental Protection Division of the Department, if needed, and shall receive approval from the Department before construction of the facility begins.
5. The Contractor shall purchase any piece of equipment specified in the plans costing over \$10,000 on a competitive basis. The Department shall fund the purchase of equipment and buildings only after the Contractor documents that items 5.2, 5.3, and 5.4 have been addressed and receives approval from the Department. The Contractor would, however, by mutual agreement with the Department and provided the permit requirements are met, be allowed to purchase certain items of equipment useful to the recycling operation before sections 5.2, 5.3, and 5.4 have been addressed.

The Department will be funding the purchase of a composting vessel as identified in Appendix A, Budget. The title of the property purchased by the Contractor shall remain vested with the owner of the Project. In the event that the Project fails and any equipment is sold for up to five years after the end of the contract, the Department shall be paid a percentage of the sale price equal to the percentage of grant money used to purchase the property.

6. The Contractor shall submit monthly reports on the Project. The reports are due on the 15th of every month. The reports shall discuss the status of the Project.

7. The Contractor shall monitor the quantity of yard waste and wood waste collected at the facility during the term of the contract, and shall determine the amount collected on a monthly basis.
8. The Contractor shall maintain information on the methodology employed in the composting, firewood processing and tree chipping operations during the term of the contract.
9. The Contractor shall maintain information on the name and address of the markets utilized in the Project and the quantity sold to these markets. This information shall be included in the monthly reports.
10. The Contractor shall develop a pictorial history via slides of the Project complete with data on project development from early initiation through construction, start-up and contract completion necessary for presentation of the project at Waste Management Conferences, trade journals and other sources to disseminate the results of the project. The Contractor shall conduct at least one media-notified open house after the Project is operational and will encourage visits at other times on a scheduled basis.
11. The Contractor shall make any information on the Project resulting from this grant readily available, as this will be considered to be public information.
12. The Contractor shall submit a final report on the Project. The final report shall include:
 - 1) Information on the amount of yard and wood waste that was collected during the term of this Contract, operation and maintenance costs, waste diverted from the landfill and future expectations in these areas. Included in these figures shall be an estimate of yard waste managed on the property it was produced.
 - 2) The environmental impact of the Project.
 - 3) An assessment of the viability of conducting this type of project in other communities, counties, and regions within the state of Iowa.
 - 4) Details on all aspects of the Project during the term of the contract.

BUDGET

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Personnel		\$5,500	\$5,500
Compost Bags		\$30,000	\$30,000
Land Value		\$23,200	\$23,200
Site Development	\$15,000	\$185,000	\$200,000
Equipment	\$135,000	\$15,000	\$150,000
Advertising		\$10,000	\$10,000
TOTALS	\$150,000	\$268,700	\$418,700

Ms. Hay stated that this is the final grant contract for the current round and it requires the Commission's approval. She explained details of the contract.13

Motion was made by by Nancylee Siebenmann to approve the Landfill Alternatives Grant contract for the City of Marshalltown as presented.

Seconded by Rozanne King. Motion carried unanimously.

MIDWEST LOW LEVEL RADIOACTIVE WASTE COMPACT UPDATE

Teresa Hay, Division Administrator, Waste Management Authority Division, presented the following item.

An update on the status of the Midwest Interstate Low-Level Radioactive Waste Compact will be provided, including siting progress by Michigan and the LLRW Commission's actions to prompt more timely progress.

A copy of the 1990 Annual Report is also enclosed for your information.

Ms. Hay presented the following summary of happenings over the past summer with the MLLRWC.

June 6 - Michigan eliminated the final candidate areas for siting.

June 28 - The three sited states notified Michigan that disposal facilities access will be denied to Michigan unless revised siting bill is signed into law.

July - Michigan announces new siting schedule with operational date of March 1997.

January 1992 - Compacts not meeting deadline will face \$120/cubic foot penalty surcharge.

Independent contractor review of Michigan siting criteria found the criteria to be unnecessarily strict. The Compact Commission made certain funding contingent on legislative change in some criteria. Those being criteria that have no scientific basis for being unnecessarily restrictive.

September 7 - Michigan rejected action and requested the Commission to reopen budget negotiations or they would file a declaratory judgement.

September 10 - Michigan Commission wrote Governors of five of the member states accusing the Compact Commission of making it impossible for Michigan to continue the site selection process, that Michigan would withdraw from the Compact unless the budget is revised, and that Michigan was at the forefront of attempting to get the federal law changed and they are making timely progress.

The Compact Commission refused to renegotiate the budget process. The Michigan Authority has requested the Michigan Attorney General's Office to file a declaratory judgement. A response has not been received from the Michigan Attorney General's Office. Also, the Compact Commission has heard nothing as to whether any siting progress is taking place.

Discussion followed.

Clark Yeager stated that he feels it would be wise to have some estimate as to the financial liability the State of Iowa will have in 1996.

Director Wilson commented that there is no way that can be done with any accuracy at this time.

This was an informational item; no action was required.

PUBLIC PARTICIPATION

Kim Niles

Kim Niles, Iowa Wildlife Federation, addressed the Commission stating that the Federation would like to encourage the Commission to keep the groundwater cleanup standards they approved a year ago. He stated that is wiser to have a standard

above the minimum standard to insure safe groundwater. He related that they would rather find out in the future that there is a little too much protection than to find out there was not adequate protection.

Lon Allen

Lon Allen, Cherokee County Conservation Board, presented a history of Steele Prairie and background on the Steele family. He read a portion of the REAP law referring to clean air, soils, and waters and the losses of certain natural resources over the years. In conclusion, he stated that Cherokee county residents are not opposed to hog confinements, but they are opposed to Roger Trimble locating a hog confinement in the particular spot next to the prairie. He added that there is no guarantee there will not be runoff, groundwater pollution, or air pollution at that site, and there will be a change in the flora and the fauna.

Terri Brown

Terri Brown, addressed that Commission stating that she lives between the two prairies. She stated that hog confinements bring starlings and sparrows and their droppings kill plant life. She asked if the prairie could be protected under the Endangered Species Act. Ms. Brown stated that nitrogen and ammonia can be mixed into the atmosphere and, with fog, can fall on the fragile plants and kill them. She read a letter from Richard Beerman, a naturalist, opposing the hog confinement location next to the preserve and stating reasons for same.

Beth James

Beth James, Larrabee, distributed photos of Steele Prairie with the proposed hog confinement area shown. Also distributed were letters from school children opposing the hog confinement along with petitions representing 448 people opposing the location of the hog confinement next to Steele Prairie. Ms. James stated that she is speaking for 105 families and they feel that if the hog confinement is built next to the prairie it will rob people of their right to breathe fresh air as well as rob teachers, students, out-of-state tourists, botonists, ecologists, biologists, and professors the right to study the prairie. Additionally, it would rob wildlife of the ecological balance they thrive on.

Shirley Kirchner

Shirley Kirchner, Sanford Museum Association, stated that the hog confinement design plans are dated prior to the soil and water tests and because of that the plans possibly do not fit the land. She expanded on that issue. Ms. Kirchner stated that she is here to make sure that each and every Commissioner knows it is their responsibility to preserve a prairie. She added that they will

be sampling water and soil if there is a hog confinement put in, and they will be back before the Commission.

Ardyce McCormack

Ardyce McCormack, first grade teacher at Primgar Elementary School, stated that during Prairie Heritage Week of September, 1989 several classes took a field trip to Steele Prairie. She related how the students were studying the five senses and this was a good culminating activity as they smelled the sage and mint, felt the leaves and stems of plants, and listened to the birds and the wind. She noted how the students learned that they could not pick any flowers or seed plants so future generations can continue to enjoy the prairie. Ms. McCormack related that she wants to continue to bring classes to the prairie and she asked if the air will still be fresh so the children can smell the mint and sage, or will they smell the hog confinement instead. She asked the Commission to use wisdom and discernment as they make the decision whether or not to grant a permit for a hog confinement next to Steele Prairie.

Jane Steele Bigbee

Jane Steele Bigbee, Editor with Marengo Publishing, addressed the Commission stating that she has made many trips to Steele Prairie. She gave a history of the Steele family and the prairie land. Ms. Bigbee related that she and her brother became increasingly concerned with what would happen to the land after they were gone and they, with their mother's concurrence, decided to have the area become a prairie preserve. She stated that she would feel better about this matter if the permit to build a hog confinement was denied. Ms. Bigbee noted that she outlined her concerns in a letter to Larry Wilson.

Dick Sokolosky

Dick Sokolosky, Cherokee County Pork Producers, stated that the pork producers do not object to this confinement being built but they feel it is in the wrong location. It is their feeling that since there are no guarantees there would never be a problem concerning the prairie, the confinement should be built somewhere else. He added that their involvement in this issue is one of wanting to maintain a good neighbor policy in the county.

Tom Miller

Tom Miller, State Representative, stated that as a legislator he is reluctant to criticize singular actions of the Executive Branch, particularly for what might be thought to be parochial matters. As an advocate of business he is reluctant to oppose most any example of economic development, and he also finds it difficult to speak out against any agricultural initiative

because his area is all farmers. Representative Miller feels there is a point where the best interests of society should outweigh an economic advantage, and the application to build a hog confinement near Steele Prairie is a case in point. He added that to erect such a facility threatens the fragile environment of Steele Prairie. It is claimed that barriers will prevent runoff and contamination, but there are no barriers that can prevent the unpleasant odor. Representative Miller noted that he does not oppose large confinement facilities that are acceptable to adjoining landowners, but the public cannot be forced to tolerate conditions that are deemed offensive. In conclusion, he stated that he hopes the Commission will find some reason to reject the application and that a better location will be found for the facility.

Kevin Kelly

Kevin Kelly, Board of Trustees of The Nature Conservancy, addressed the Commission stating that The Conservancy originally purchased Steele Prairie and later transferred it over to the state. The DNR holds title and works with the Cherokee County Conservation Board and The Nature Conservancy to provide active management on site. He noted that future generations of Iowans owe a great deal of gratitude to the Steele family for their conservation practices and farsightedness in preserving this prairie. He listed four areas of concern to preserve the prairie from threatened ruin, those being: 1) runoff or accidental discharge of polluted water into the watershed that supports the prairie; 2) a great increase of flies, rats and other non-native insects, birds, and mammals that will disrupt the delicate balance of natural species found on the prairie; 3) drifting of feed seeds that will establish non-native plants on the prairie cropping out the existing ones; and 4) the overpowering smell that will drive away the people who enjoy the prairie. In conclusion, he stated that the facility should not be sited so close to an important state preserve. He added that the credibility of the state's commitment to the preserve system should be considered when making a decision on this project.

Cindy Hildebrand

Cindy Hildebrand, Iowa Audubon Council of the Audubon Society, presented the following three points: 1) the concern for this prairie is not confined to Northwest Iowa but includes individuals from Central Iowa and other areas of the state; 2) interest in prairies in general is growing around the state; and 3) the Audubon Council is concerned that if the facility is built it will turn what is a source of state pride to state embarrassment. In conclusion, she stated that this is a chance to correct a mistake before it is made and that is why the Audubon Council is asking the Commission to protect Steele Prairie.

Ray Crammond

Ray Crammond, Consulting Engineer for the hog confinement project, clarified that concerns with runoff were addressed in a public meeting held last week. He related that a unit would be located at the divider at the west side so that if anything happened to the dikes on the lagoon it would not drain into the prairie. He noted that filter strips will be planted to take care of any runoff coming off the cropland. Mr. Crammond distributed photos of a similar facility where a golf course lies between the lagoon and the buildings. He pointed out that if there was an odor problem it would be noticed at a golf course where there are greater visitor numbers than at a prairie. He related that there have been no problems with this facility and it has been there for 15 years. Mr. Crammond stated that these facilities do not make the headlines because they have good operators and the design was right in the beginning. He emphasized that he would not design something that would be a detriment to the prairie.

Christy Amundson

Christy Amundson, fourth grade student at Larabee, addressed the Commission in opposition to the hog confinement stating that it will pollute the air and water, and will kill the native grasses. She asked the Commission to help save the prairie.

Brian James

Brian James, fourth grade student at Larabee, told the Commission that he was present at the dedication of Steele Prairie and he would like to see it in the future as it is today. He added that after he goes to college and become a botonist he would like to come back and study it. He asked the Commission to use wisdom in deciding whether or not to issue a permit.

Brandi James

Brandi James, fourth grade student at Larabee, asked the Commission to preserve Steele Prairie and keep it the way it was 100 years ago. She noted that she enjoys Red Fox and other wildlife she has seen at the prairie. She asked that a hog confinement not be built across the road from the prairie.

David Phipps

David Phipps, Cherokee County Supervisor, stated that he is representing the people of his district and he has not run into anyone who is in favor of the hog confinement to be located in close proximity of Steele Prairie. He noted that this facility was rejected by the Plymouth County Supervisors and the reason it was not rejected in Cherokee County is because of the difference in zoning. He related that Plymouth County has more restrictive zoning. Mr. Phipps noted that the people are concerned that this matter rests within the hands of the DNR and the EPC and that

local authorities have no say in how it will be handled. He related that they are prepared to adopt ordinances which will handle the problems which were discussed in Plymouth County. He added that cattle and pork industry is needed in Cherokee County, but there is also a need to be good neighbors. Mr. Phipps presented a letter from Audrey Clave, Plymouth County Zoning Commissioner.

Discussion followed.

APPOINTMENT - DEBBIE NEUSTADT

Debbie Neustadt, Executive Committee - Iowa Chapter Sierra Club, read the following written statement:

"My topic of commentary is the protection of groundwater. It is the position of the Sierra Club that the goal of Iowa's groundwater protection program be one of nondegradation. Sierra Club has supported the department's actions concerning its groundwater program. Many of its recommendations were a part of the historic Groundwater Act of 1987. We were an active participant in the legislative process that resulted in its passage. When the legislation was being debated one of the most controversial points was the establishment of standards for groundwater. The department opposed standards being in the legislation and so did the Iowa Audubon Council and the League of Women Voters. The compromise was a study with public hearings. The public comment on this issue was overwhelmingly in favor of HALs being used in developing a protection program.

With the EPC action in July of 1989 and 1990 the debate continues. It is my understanding that once there is full attendance at a commission meeting, changing Chapter 133 will come up for a vote again. At this time Sierra Club would like to make a statement in hopes that it will not come up for a vote. My statement to you now will focus on two things, risk assessment in establishing numerical criteria and several concerns on the effect of HALs in implementing Chapter 133. Our position on the use of HALs (MCLGs is the term used in the paper) and MCLs is in a written document I have given you.

Risk assessment when used to set a standard is often laid before people as a comparison with risks calculated for common activities. Pollution is an imposed risk. Imposed risks are not ethically comparable to the risks accepted by individuals in the course of everyday living as a matter of free will. Implicit in such comparison is the unreasonable expectation that individuals will conduct themselves in a mechanical pattern as to minimize total, numerical risk. Citizens expect to be protected against imposed risks.

That the environment, with its central importance to public health, might be degraded in an economic trade-off when standards are relaxed is something the public does not support. When public health and environmental considerations are compromised for a narrow economic expedient, the public health and the environment are always the loser. Remediation of groundwater contamination must be in all cases to the point where health of all individuals and the environment are at no greater risk than existed prior to contamination. That numerical point of risk is the HAL.

In the past year the commission has repeatedly considered changing HAL in Chapter 133 to an MCL. I have heard three reasons for doing this. One, spills are required to be cleaned up to a lower number than drinking water. Two, the first person that has to clean up to an HAL will have to pay more than any other after him. In the process it may be decided that the HAL is not achievable. Three, HALs will result in many cases being brought before the commission.

Chapter 133 is a description of a procedure for groundwater clean up and not a set of standards. The goal is HAL. The department has the authority to set the level of clean up. What may be as important as the level of clean up is the point of containment of a spill. It is possible that cleaning up a spill would be more costly based on an entire clean up to the MCL rather than establishing a point of containment and cleaning the rest to an HAL. These technical questions are often left to the discretion of the department.

With new regulation comes the breaking of new technical ground. Anytime a first is done, it costs more than any other subsequent actions. This would probably happen whether the action level was an MCL or HAL.

The department having the responsibility of determining the level of clean up with the action level being the HAL may or may not bring more cases before the commission. In any event, that is what the commission is for. As a teacher I know the effects of stringent rules and consistent enforcement - more learning. With HALs as the action level for clean up, the result will be a healthier environment. Setting action levels at HALs will send a tough message to polluters. Iowa puts the health of its citizens first and not the cost of clean up."

Ms. Neustadt also presented a position paper of the Iowa Chapter of the Sierra Club on groundwater quality. A copy of this position paper is on file in the department's Records Center.

APPOINTMENT - DON ERVIN

Don Ervin, Midwest Research & Recycle, Inc., gave a progress report on his compliance with an Administrative Order. He noted that he is cutting a wider fire lane between the two windrows that do not show on the schematic. Also, he has cut another fire lane to the east and one to the north/south. Mr. Ervin stated that fencing posts are being straightened and they are getting ready to put the wire on. He noted that the number of tires shipped in and out and a total of tires stockpiled was in the written report he sent to the department. He stated that they are getting ready to distill the tires out and the product recovered will include gas (methane), oil, carbide, and steel. Mr. Ervin displayed a piece of carbon and noted that is what the tires look like as they come out of the distillation unit.

Chairperson Mohr commented that Mr. Ervin showed in his written report how many tires he took in, how many he shipped out, how many were shredded, and she asked that he include the amount on hand in future reports.

Director Wilson asked if Mr. Ervin has the facilities to extract the fuel.

Mr. Ervin stated that they will be pouring cement a week from Monday to start construction on this facility. He added that instead of locating a big building to the east, he is going to put a roof over the blacktop area behind the building to use for tire storage.

Clark Yeager advised Mr. Ervin that permits will be needed for new buildings and he should find out what is required before he starts to pour cement.

Mr. Stokes stated that the Commission directed Mr. Ervin to put in a request to modify his permit to allow storage of 200,000 or more tires. He added that the Commission also asked staff to provide a rationale as to why staff limited him to a 40,000 tire stockpile. He distributed a copy of a memo from Morris Preston explaining that rationale. Also distributed was a copy of a letter from Mr. Ervin requesting that he be allowed to stockpile 200,000 - 250,000 tires. Mr. Stokes related that he is looking for Commission direction on whether or not to approve Mr. Ervin's request based on the sparse information submitted by Mr. Ervin. Staff does not believe sufficient documentation has been provided to show that there is an avenue to move that large an amount of tires. Mr. Stokes pointed out that if Mr. Ervin intends to deviate from his original plans and is going to build another structure that it will require additional permits.

Discussion followed regarding conditional, temporary permits.

Motion was made by Clark Yeager to request staff to amend Mr. Ervin's permit to allow a 200,000 tire stockpile.

Commissioner Yeager stated that he does not think any business can run on a ten day supply when it is a business that is variable to the seasons.

Margaret Prah1 remarked that 250,000 tires would be a two month supply.

Clark Yeager's motion was seconded by Rozanne King.

Nancylee Siebenmann asked what kind of precedent this would set for other requests of this nature.

Mr. Stokes responded that staff has practiced, in terms of meeting permit conditions, treating all tire recyclers alike to avoid giving the appearance of favoritism or unfair competitive advantage one to another.

Margaret Prah1 commented that no matter what permits Mr. Ervin is given he does not follow them.

Chairperson Mohr requested a roll call vote on Clark Yeager's motion to allow Mr. Ervin a 200,000 tire stockpile. "Aye" vote was cast by Commissioners King, Siebenmann, Yeager, and Mohr. "Nay" vote was cast by Commissioners Earley, Ehm, Hartsuck, and Prah1. Motion failed on a vote of 4-Aye to 4-Nay.

Clark Yeager asked the Commissioners that voted "no" for their thoughts on this.

Mike Earley stated that he has been a Commissioner less than two years and it seems like Mr. Ervin is always just 120 days away from getting the problem solved. He added that he would like to see some progress before relaxing requirements for compliance.

Margaret Prah1 stated that Mr. Ervin already has a two month supply of tires at his facility, having ignored the permit regulations, and she does not see any reason to license that kind of stockpiling. She related that she would like to see some movement toward reality.

William Ehm stated that he cannot see raising the limits on the permit just to match what Mr. Ervin already has. He noted that Mr. Ervin is already out of compliance and that the Commission should wait the remaining 60 day extension given Mr. Ervin before taking further action.

Mr. Stokes stated that unless sufficient documentation is given to increase the stockpile number within the 60 day extension period remaining, Mr. Ervin would have to have the number of tires reduced to 40,000. He clarified that in regards to new processing facilities on Mr. Ervin's site, it will require a

modification to his solid waste processing permit and may require an air permit, regardless of what he has from the State of Missouri and the federal government.

Margaret Prahl encouraged Mr. Ervin to apply for the permits now instead of waiting until he is ready to use the new process.

FEDERAL FISCAL YEAR UHL CONTRACT APPROVAL

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

The Commission is requested to approve the FFY 1991 Contract with the University Hygienic Laboratory. The agreement covers air quality monitoring and reporting, water quality monitoring - both ambient and compliance, analyses and reporting for the drinking water program and provision for analyses for the underground storage tank and uncontrolled sites programs.

As per the attached schedule, the total cost of this contract is estimated at \$599,624. This compares to \$597,979 for FFY90.

Under section 455B.103, the DNR is required to contract with the UHL for these services, unless the required services cannot be provided by the UHL. This contract is a continuation of current work efforts and programs, with minor adjustments. The contract costs reflect UHL's best estimate of their actual costs plus the field University of Iowa's indirect cost rate. Most of this contract is supported by Federal funds from the various EPA programs. Commission approval is respectfully requested.

A copy of the contract is on file in the department's Records Center.

(Cost schedule is shown on the following two pages)

DNR/UHL
FY 1990 / FY 1991 Agreements Comparison

1991 Section	Activity	1990 Activity Cost	1991 Activity Cost
3.1	Air Quality Monitoring		
3.1.b.	Staff	157,200	157,200
to d.	Expenses	31,600	31,600
and g.	Installation	2,694	2,694
	Mileage	25,550	25,550
	Supplies	15,750	15,750
3.1.e.	Summa Sampling	na	5,000
3.1.f.	Asbestos Sampling	na	825
3.1.h.	County Audit	0	0
3.1.i.	Smoke School	0	0
Total Section 3.1		232,794	238,619
3.2	Water Quality Monitoring		
3.2.e.	Fixed Monitoring - Monthly	83,640	83,640
	- Quarterly	19,750	19,750
3.2.f.	Compliance Sampling	79,550	68,540
	FY 1990 - 65 Sites/ 220 Samples		
	FY 1991 - 56 Sites/ 190 Samples		
3.2.g.2.(a)	Field Support	55,800	63,400
	FY 1990 - 660 samples		
	FY 1991 - 750 samples		
3.2.g.2.(b)	Fish Kill	per sample	per sample
3.2.g.3.	Emergency Response	19,500	19,500
3.2.g.4.	Fish Tissue	per sample	per sample
na	Prairie Rose Lake Monitoring	10,060	na
na	Special Studies	32,660	na
Total Section 3.2		300,960	254,830

3.3	Water Supply Monitoring		
3.3.e.1.	Primary Drinking Water	5,400	3,100 +
3.3.e.2.	Synthetic Organic Compounds	3,500	1,200 +
3.3.e.3.	Unscheduled Investigation	1,900	1,200 +
3.3.f.	Reporting UHL analytical Data	++	37,000
3.3.f.	Reporting non-UHL analytical Data	++	16,425
3.3.f.	Reporting	53,425	++
<hr/> Total		64,225	58,925
3.4	Leaking Underground Storage	Cost / Analysis	6,650 *
3.5	Waste Monitoring	Cost / Analysis	40,600 **
<hr/> Cost of Contract		597,979	599,624

+ Costs for each of these efforts will be itemized. Additional costs above the \$ 5,500 Section e. subtotal, up to a maximum of 10,800 will be payed if additional sample analyses are needed.

++ Reporting is the same amount for both years. There is a change in how the reporting is broken out. It is now split into two costs.

*Based on 100 Samples

**Based on 200 Samples

Mr. Kuhn gave an explanation of the contract and asked the Commission's approval.

Motion was made by Margaret Prael to approve the federal fiscal year contract with University Hygienic Laboratory for air and water quality monitoring and reporting. Seconded by Clark Yeager. Motion carried unanimously.

BUDGET REQUEST--FY 92/93 APPROVAL

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

Attached for your approval are the relevant summary financial schedules and decision packages that constitute the DNR's budget request to the Governor and General Assembly. Previously, each Commission has reviewed budget drafts and issues beginning with the June meeting. This summary is in accordance with those earlier reviews and the approvals received from each Commission in August.

For DNR operations, a total of \$53,082,912 is requested for FY92 and \$53,177,891 for FY93 from all funding sources. This compares to the currently approved operations budget for FY91 of \$49,777,692.

Most of the increase in the operations budget relates to expanding air and water quality monitoring programs within the Environmental Protection Division. Additional staff support is requested for Forestry programs. The remainder of the operations budget request generally reflects continuing remaining programs at the current level.

Of the above totals for operations, \$16,429,283 for FY92 and \$16,783,837 for FY93 is requested from the State General Fund. This compares to the current total of operations General Fund appropriations for FY91 of \$13,773,490. The remainder of the operations budget is funded by Groundwater funds, Fish and Wildlife funds, Federal Aid, and other receipts. Note that a separate request of \$2.7 million is being made to supplement the Fish and Wildlife Trust fund for FY92 due to a projected revenue shortfall.

Relative to previous legislative mandates, several special requests are included. These are (1) \$500,000 to supplement funds for abandoned well plugging, (2) \$400,000 for Toxic Waste Cleanup Days, (3) \$500,000 to establish regional Toxic Waste Collection sites, and (4) \$6,000,000 to promote recycling and reduction of solid waste.

In accordance with intent from the 1990 G.A., \$30,000,000 is requested for the REAP program. This would be funded with \$25,000,000 from lottery revenues, and \$5,000,000 from the State General fund.

The Groundwater program would be continued as per previous legislative appropriation actions. Other special programs would be continued at the current level. These include the special appropriation for the U.S. Geological Survey Cooperative program; the Green Thumb employment program for senior citizens; the Marine Fuel Tax fund for recreational boating support and capital development; the State and Cooperative Snowmobile program; Fish and Wildlife capitals and grants; and several miscellaneous smaller funds.

The attached summary presents the finance schedules and department-wide priority schedules for DNR operations, as well as similar schedules for each division. Separate financial summaries are presented for other special programs and funds. The official budget submission includes additional schedules and narratives that are not included in the attachment. A complete book containing these schedules will be available at the meeting, or at any other time, for inspection if desired.

Each Commission is requested to approve the request and priorities for programs under their respective purviews, and concur in the remaining requests for the agency.

(Budget is shown on the following 52 pages)

IOWA DEPARTMENT OF NATURAL RESOURCES
Budget Request Summary

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
GHF-BIG SPRINGS MONITORING-0	\$ 690,938	\$ 592,592	\$ 235,171
GHF-GEN'L PROVISIONS-DNR	792,701	513,157	500,275
GHF-STORAGE TANKS STUDY-DNR	124,556	125,644	125,729
GHF-HOUSEHOLD HAZ WASTE-DNR	100,481	100,524	100,524
GHF-WELL TESTING ADMIN 2%-DNR	60,715	61,195	61,194
GHF-GATR MONITORING-DNR	1,013,521	1,329,610	1,330,701
GHF-WASTE MGMT AUTH.-DNR	61,514		
GHF-LANDFILL ALTERNATIVES-DNR	56,082	57,292	57,484
GF-NATURAL RESOURCES OPERAT'NS		16,429,283	16,783,837
F&G-OPERATIONS-DNR		18,108,454	18,150,719
MFT-OPERATIONS-DNR	400,000	450,000	450,000
APPROPRIATIONS SUBTOTAL	3,300,503	37,767,751	37,795,634
RECEIPTS			
FEDERAL SUPPORT	8,511,309	8,655,433	8,718,606
INTRA STATE RECEIPTS	3,093,664	3,683,053	3,686,996
FEES, LICENSES & PERMITS	8,000	8,000	8,000
OTHER SALES & SERVICES	37,000	37,000	37,000
RECEIPTS SUBTOTAL	11,649,973	12,383,506	12,450,602
TRANSFERS			
GENERAL FUND - NATURAL RES.	116,209		
GENERAL FUND - NATURAL RES.	932,462		
GENERAL FUND - NATURAL RES.	1,938,094		
GENERAL FUND - NATURAL RES.	5,625,913		
GENERAL FUND - NATURAL RES.	1,716,801		
GENERAL FUND - NATURAL RES.	1,374,429		
GENERAL FUND - NATURAL RES.	2,069,577		
FISH & GAME - NATURAL RES.	2,883,006		
FISH & GAME - NATURAL RES.	5,144,307		
FISH & GAME - NATURAL RES.	4,710,374		
FISH & GAME - NATURAL RES.	5,207,838		
CONS FND - NATURAL RES.	184,541		
CONS ADMIN - NATURAL RES.	1,574,655	1,574,655	1,574,655
CONS FND - NATURAL RES.	593,000	593,000	593,000
CONS FND - NATURAL RES.	751,000	764,000	764,000
TOTAL RESOURCES	\$ 49,777,692	\$ 53,082,912	\$ 53,177,931
FTE POSITIONS	1012.14	1055.14	1060.14

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
TRANSFERS			
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 33,660,576	\$ 35,345,486	\$ 35,579,536
PERSONAL TRAVEL	979,488	1,024,238	1,030,088
STATE VEHICLE OPERATION	916,134	929,634	935,634
DEPRECIATION	1,229,902	1,284,402	1,295,902
OFFICE SUPPLIES	768,337	824,637	827,637
FACILITY MAINTENANCE SUPPLIE	989,125	1,047,625	1,048,125
EQUIPMENT MAINTENANCE SUPPLI	841,703	842,203	843,253
PROF. & SCIENTIFIC SUPPLIES	76,950	98,950	98,950
AG., CONSERVATION & HORT SUPP	450,730	451,730	453,280
OTHER SUPPLIES	277,595	278,595	278,595
PRINTING & BINDING	894,055	907,055	907,055
UNIFORMS & RELATED ITEMS	206,570	208,345	210,120
COMMUNICATIONS	571,372	605,372	605,872
RENTALS	140,775	154,775	154,775
UTILITIES	652,627	652,627	652,627
PROF & SCIENTIFIC SERVICES	4,184,914	5,280,249	4,909,453
OUTSIDE SERVICES	609,079	609,079	609,079
ADVERTISING & PUBLICITY	43,950	43,950	43,950
DATA PROCESSING	383,952	398,452	398,452
AUDITOR OF STATE REINBURSEME	80,000	100,000	100,000
REIMBURSEMENTS TO OTHER AGEN	178,018	177,868	177,868
EQUIPMENT	1,539,563	1,715,363	1,915,363
OTHER EXPENSE & OBLIGATIONS	4,300	4,300	4,300
LICENSES	3,977	3,977	3,977
STATE AID	94,000	94,000	94,000
EXPENDITURES SUBTOTAL	49,777,692	53,082,912	53,177,891
TOTAL DISPOSITION OF RESOURCES	\$ 49,777,692	\$ 53,082,912	\$ 53,177,891

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NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
RANKING SCHEDULE-- BUDGET UNIT

SCHEDULE 1 BUDGET UNIT
(RANKING SCHEDULE)
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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
	BASE	\$ 40,583,025	GF \$ 10,006,559	\$ 40,282,501	GF \$ 10,031,625
	Maintain only essential services associated with natural resource protection, recreation and preservation.	(805.50)	OT 16,326,448	(805.50)	OT 15,991,496
0001	Restore Wildcat Den, Fairport, Beeds LK, Bellevue, LK Darling, LK Keomah, Natural areas inventory and threatened/endangered species prog. to fy91 level.	546,999	GF 396,999	548,763	GF 398,763
		(12.00)	OT 150,000	(12.00)	OT 150,000
0002	FARM FORESTRY Restore professional forestry management assistance to landowners by restoring three district offices serving 30% of the state.	160,521	GF 160,521	161,039	GF 161,039
		(3.00)		(3.00)	
0003	WATER RIGHTS Restore Water Withdrawal Program by providing for state supervision of water use activities.	135,146	GF 135,146	135,490	GF 135,490
		(3.00)		(3.00)	
0004	Restore fish & wildlife enforcement, research & operations activities to 80% of fy91 level.	957,214	OT 957,214	960,087	OT 960,087
		(19.80)		(19.80)	
0005	GEOLOGICAL & MINERAL RESOURCES Restore microscopic analysis & description of drill samples from private, municipal, and industrial wells.	44,177	GF 44,177	44,350	GF 44,350
		(1.00)		(1.00)	
0006	ADMINISTRATIVE SUPPORT BUREAU Restore administrative support to 95% of fy91 staffing level.	429,354	GF 257,612	429,354	GF 257,612
		(9.00)	OT 171,742	(9.00)	OT 171,742
0007	LEGAL Restore legal support to FY91 level of effort.	50,463	GF 30,278	50,635	GF 30,381
		(1.00)	OT 20,185	(1.00)	OT 20,254
0008	Restore Rathbun Hatchery to fy91 level, and restore fish, wildlife, research and operations activities to 90% of fy91 level.	998,996	OT 998,996	999,853	OT 999,853
		(20.95)		(20.95)	
0009	Restore Maquoketa Caves, Mines of Spain, Pilot Knob, Prairie Rosa, Rock Creek, and trail and park administration activities to fy91 levels.	477,047	GF 477,047	479,223	GF 479,223
		(9.00)		(9.00)	

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
RANKING SCHEDULE- BUDGET UNIT

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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0010	FLOOD PLAIN Restore the Floodplain Program by providing for state supervision of floodplain construction activities.	\$ (422,219	GF \$ 422,219	\$ (423,379	GF \$ 423,379
		(9.00)		(9.00)	
0011	WATER SUPPLY Restore water supply permit review turnaround time to FY91 levels.	(120,625	GF 30,156	(120,861	GF 30,215
		(3.00)		(3.00)	
0012	Restore accounting & data processing services to 90% of FY91 levels.	(250,747	GF 150,448	(250,970	GF 150,582
		(6.00)	OT 100,299	(6.00)	OT 100,388
0013	CONSTRUCTION SERVICES BUREAU Restore construction services to 91 level. Funding shifted from general fund to capital funds.	(696,981		(698,037	
		(15.00)		(15.00)	
0014	Restore A.A.Call, Mapsipinicon, Maubonsie, Wilson Is., and Volga to FY91 levels.	(323,839	GF 323,839	(325,676	GF 325,676
		(5.00)		(5.00)	
0015	Restore fish, wildlife & enforcement research and operations activities to 95% of FY91 level.	(916,463	OT 916,463	(919,174	OT 919,174
		(19.60)		(19.60)	
0016	LAND ACQUISITION/MGMT BUREAU Restore land acquisition to 91 level. Funding shifted from general fund to capital funds.	(165,329		(165,659	
		(3.00)		(3.00)	
0017	WATER RESOURCES Restore soils & sediment studies & investigations, researching the susceptibility of groundwater to contamination.	(53,860	GF 53,860	(54,033	GF 54,033
		(1.00)		(1.00)	
0018	GEOLOGICAL & MINERAL RESOURCES Restore drill sample processing & tracking, field equipment maintenance/repair, and map/publications cataloging.	(116,055	GF 116,055	(116,194	GF 116,194
		(3.00)		(3.00)	
0019	Restore Yellow River to 90% & Stephens & Loess Hills state forests to 100% of FY91 levels.	(124,274	GF 124,274	(124,274	GF 124,274
		(4.00)		(4.00)	

RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0020	USGS MATCH Restore drilling program by providing for continued water quality/quantity investigations and related geological information.	\$ (88,597 (2.00)	\$ 88,597 GF \$ 88,597	\$ (88,597 (2.00)	\$ 88,597 GF \$ 88,597
0021	Restore accounting & licensing full time positions and support to fy91 level.	(85,209 GF 3.00) OT	56,043 29,166	(85,209 GF 3.00) OT	56,043 29,166
0022	Restore fish, wildlife & enforcement research and operations activities to fy91 level.	(998,493 31.79) OT	998,493	(1,000,090 31.79) OT	1,000,090
0023	Restore Yellow River & Shimek state forests to fy91 levels.	(93,762 GF 3.00)	93,762	(93,762 GF 3.00)	93,762
0024	FARM FORESTRY Restore farm forestry program to fy91 level.	(79,923 GF 2.00)	79,923	(79,923 GF 2.00)	79,923
0025	STATEWIDE PARKS Restore funding to maintain the state park trail system.	75,000 GF	75,000	75,000 GF	75,000
0026	ENVIRONMENTAL GEOLOGY Restore analysis of soils/sediments needed as data base for siting landfills, H.M. storage facilities & locating sand, gravel, etc for construction projects	(51,165 GF 1.00)	51,165	(51,338 GF 1.00)	51,338
0027	Restore Budget/Grants and Data Processing to FY91 levels allowing for timely processing of local recreation grants & info processing activities.	(172,388 GF 4.00) OT	103,432 68,956	(172,459 GF 4.00) OT	103,475 68,984
0028	ADMINISTRATIVE SUPPORT BUREAU Restore administrative support to fy91 levels.	(74,390 GF 3.00) OT	44,634 29,756	(74,390 GF 3.00) OT	44,634 29,756
0029	OUTDOOR RECREATION Restore planning staff to maintain the statewide comprehensive outdoor recreation plan & provide impact analysis of DNR policies.	(99,846 GF 2.00) OT	59,908 39,938	(99,846 GF 2.00) OT	59,908 39,938
0030	PUBLICATIONS Restore personnel for newsletter, radio, and television spot production.	(129,922 GF 3.00) OT	77,953 51,969	(130,053 GF 3.00) OT	78,032 52,021

NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
RANKING SCHEDULE- BUDGET UNIT

SCHEDULE 1 BUDGET UNIT
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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92 FY 1991 - 1992 EXPEND/FTE	APPROPRIATION	TOTAL DEPT REQ 92-93 FY 1992 - 1993 EXPEND/FTE	APPROPRIATION
0031	PUBLICATIONS Restore Field Information and Education activities to fy91 levels.	(72,622 GF \$ 2,000) OT	43,573 29,049	(72,622 GF \$ 2,000) OT	43,573 29,049
0032	LEGAL Restore the legal assistant to provide project tracking & monitoring activities for the section.	(33,746 GF 1,000) OT	20,248 13,498	(33,746 GF 1,000) OT	20,248 13,498
0033	PUBLICATIONS Restore graphic support for technical report and brochure production activities.	(51,489 GF 1,500) OT	30,893 20,596	(51,489 GF 1,500) OT	30,893 20,596
0034	LEGAL Restore environmental mediation training to legal staff to enhance natural resource issue dispute resolution.	(17,000 GF OT	10,200 6,800	(17,000 GF OT	10,200 6,800
0035	WASTE MGMT. AUTH. SOLID WASTE Provide additional technical educational and promotional capabilities associated with implementation of recycling programs.	(242,500 6,000) OT	242,500	(242,500 6,000) OT	242,500
0036	WATER SUPPLY Provide for additional water supply contaminant monitoring & regulation. Parameters regulated & monitored have increased 6 fold since FY90.	(200,000 GF 6,000)	200,000	(200,000 GF 6,000)	200,000
0037	GROUNDWATER QUALITY PLANNING Provide for implementation of a statewide Groundwater monitoring program consisting of 615 fixed station long term monitoring wells.	(600,000 GF 1,000)	600,000	(600,000 GF 1,000)	600,000
0038	CONST GRANTS NON-GRANT Enhance the department's ability to conduct detailed assessments & evaluations of Iowa's surface waters streams & rivers.	(575,000 GF 5,000)	575,000	(575,000 GF 5,000)	575,000
0039	AIR QUALITY Provide for implementation of an ongoing air quality toxics monitoring, permitting, and inspection program.	(850,000 GF 7,000)	850,000	(850,000 GF 7,000)	850,000

NATURAL RESOURCES, DEPARTMENT OF
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91001542G72

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
RANKING SCHEDULE- BUDGET UNIT

SCHEDULE 1 BUDGET UNIT
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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0040	3012 HAZARDOUS WASTE SITING Provide for ident./cleanup of hazardous waste sites not on the fed priority listing & therefore not covered by existing federal funding.	\$ (145,000 GF \$ 3.00)	145,000	\$ (145,000 GF \$ 3.00)	145,000
0041	EMERGENCY RESPONSE Provide a training program on emergency response techniques to ensure local response plans & procedures are up to date.	(70,000 GF 2.00)	70,000	(70,000 GF 2.00)	70,000
0042	STATEWIDE PARKS Provide funds for routine replacement of park facility use items which wear out periodically.	58,000 GF	58,000	58,000 GF	58,000
0043	WASTE MANAGEMENT SOLID WASTE Provide additional supervisory personnel for oversite of solid waste activities.	(40,000 GF 1.00)	40,000	(40,000 GF 1.00)	40,000
0044	FIELD/EMR RESP BUREAU MGMT Provide for the relocation of the Wallace Bldg based regional office due to space shortage resulting from prog staffing increases.	14,000 GF	14,000	14,000 GF	14,000
0045	MISSISSIPPI RIVER MONITORING Utilize increased federal funds to expand the Mississippi Monitoring program.	(100,000 GF 3.00) OT	100,000	(100,000 GF 3.00) OT	100,000
0046	 Provide for two additional staff to address increased office mgt & accounting duties associated with environmental prog increases.	(42,000 GF 2.00) OT	42,000	(42,000 GF 2.00) OT	25,200 16,800
0047	ADMINISTRATIVE SERVICES DIV MGMT Provide for cost increases for vehicle operation & depreciation, as well as postage telephone & audit costs.	124,000 GF OT	74,400 49,600	124,000 GF OT	74,400 49,600
0048	FARM FORESTRY Provide additional funds for staff & support to administer REAP forestry cost share program & new federal forest stewardship program.	(148,225 GF 3.00)	74,112	(260,450 GF 6.00)	130,225

NATURAL RESOURCES, DEPARTMENT OF
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STATE OF IOWA
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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0049	UTILIZATION AND MARKETING Provide staffing & support for new Rural Revitalization Through Forestry Program increasing forestry related business growth in Iowa.	\$ (50,500 GF \$ 1.00)	25,250	\$ (50,500 GF \$ 1.00)	25,250
0050	Provide additional staff & support to increase forestry efforts on new Raichelt & Loess Hills land acquisitions.	\$ (53,800 GF 2.00)	53,800	\$ (53,800 GF 2.00)	53,800
0051	NURSERY STOCK PRODUCTION Provide additional extra help to the Nursery to address increased demand for nursery stock.	\$ (13,000 1.00)		\$ (13,000 1.00)	
0052	GEOLOGICAL SURVEY BUREAU MGMT Provide computer workstation to replace outdated equip. enhancing remote sensing information processing at a lower annual maint cost (-20k).	\$ (60,000 GF)	60,000	\$ (60,000 GF)	60,000
0053	ADMINISTRATIVE SUPPORT BUREAU Provide improved records management capability through the purchase of additional filing and optical scanning equipment.			\$ (200,000 GF)	200,000
0054	STATE FORESTRY BUREAU MGMT Provide additional staff and support to address program expansions which have occurred over the past several years.	\$ (44,000 GF 1.00)		\$ (44,000 GF 1.00)	44,000
0055	STEPHENS FOREST Provide additional staff & support to Stephens state forest to address expanded forest mgt activities in addition to area maint. functions.	\$ (20,500 GF 1.00)		\$ (20,500 GF 1.00)	20,500
TOTAL		\$ (53,032,912 GF \$ 1,055.14)	16,429,283	\$ (53,177,891 GF \$ 1,060.14)	16,783,837
		DEPT REV FY 1990-91			
		\$ 49,777,592	\$ 3,300,508		
		(1,012.14) OT			

NATURAL RESOURCES, DEPARTMENT OF
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DIRECTOR'S OFFICE

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
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SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GMF-BIG SPRINGS MONITORING-D	\$ 1,144	\$ 1,414	\$ 1,413
GMF-GEN'L PROVISIONS-DNR	3,813	4,731	4,734
GMF-STORAGE TANKS STUDY-DNR	478	583	582
GMF-HOUSEHOLD HAZ WASTE-DNR	398	485	485
GMF-WELL TESTING ADMIN 2 1/2-DNR	449	552	552
GMF-GMTR MONITORING-DNR	9,409	11,606	11,613
GMF-LANDFILL ALTERNATIVES-DNR	528	658	661
GF-NATURAL RESOURCES OPERITNS		76,031	75,764
F&G-OPERATIONS-DNR		126,196	126,550
APPROPRIATIONS SUBTOTAL	16,219	222,256	222,354
RECEIPTS			
FEDERAL SUPPORT	53,792	65,009	65,077
INTRA STATE RECEIPTS	15,816	19,545	19,561
RECEIPTS SUBTOTAL	69,608	84,554	84,638
TRANSFERS			
GENERAL FUND - NATURAL RES.	116,209		
FISH & GAME - NATURAL RES.	141,838		
TOTAL RESOURCES	\$ 343,874	\$ 306,810	\$ 306,992
FTE POSITIONS	5.95	5.95	5.95
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 269,374	\$ 232,310	\$ 232,492
PERSONAL TRAVEL	40,000	40,000	40,000
OFFICE SUPPLIES	2,000	2,000	2,000
EQUIPMENT MAINTENANCE SUPPLI	750	750	750
OTHER SUPPLIES	1,200	1,200	1,200
PRINTING & BINDING	14,000	14,000	14,000
PROF & SCIENTIFIC SERVICES	6,000	6,000	6,000
OUTSIDE SERVICES	2,000	2,000	2,000
DATA PROCESSING	4,800	4,800	4,800
REIMBURSEMENTS TO OTHER AGEN	750	750	750
EQUIPMENT	3,000	3,000	3,000
EXPENDITURES SUBTOTAL	343,874	306,810	306,992
TOTAL DISPOSITION OF RESOURCES	\$ 343,874	\$ 306,810	\$ 306,992

STATE OF IOWA
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NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS

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COORDINATION AND INFORMATION

RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
GMF-BIG SPRINGS MONITORING-D	\$ 3,865	\$ 3,380	\$ 3,385
GMF-GEN'L PROVISIONS-DNR	87,829	86,717	86,899
GMF-STORAGE TANKS STUDY-DNR	42,117	41,893	41,895
GMF-HOUSEHOLD HAZ WASTE-DNR	1,345	1,161	1,162
GMF-WELL TESTING ADMIN 27-DN	1,516	1,321	1,322
GMF-GWTR MONITORING-DNR	31,790	27,752	27,815
GMF-LANDFILL ALTERNATIVES-DN	1,786	1,575	1,582
GF-NATURAL RESOURCES OPERTNS		979,544	980,042
F&G-OPERATIONS-DNR		483,807	485,270
APPROPRIATIONS SUBTOTAL	170,248	1,627,150	1,629,372
RECEIPTS			
FEDERAL SUPPORT	361,682	336,304	336,721
INTRA STATE RECEIPTS	114,815	108,155	108,270
RECEIPTS SUBTOTAL	476,497	444,459	444,991
TRANSFERS			
GENERAL FUND - NATURAL RES.	932,462		
FISH & GAME - NATURAL RES.	479,244		
CONS ADMIN - NATURAL RES.	593,000	593,000	593,000
TOTAL RESOURCES	\$ 2,651,451	\$ 2,664,609	\$ 2,667,363
FTE POSITIONS	41.45	41.45	41.45
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 1,628,693	\$ 1,641,851	\$ 1,644,605
PERSONAL TRAVEL	59,800	59,800	59,800
STATE VEHICLE OPERATION	11,306	11,306	11,306
DEPRECIATION	17,200	17,200	17,200
OFFICE SUPPLIES	82,500	82,500	82,500
FACILITY MAINTENANCE SUPPLIE	24,000	24,000	24,000
EQUIPMENT MAINTENANCE SUPPLI	12,000	12,000	12,000
PROF. & SCIENTIFIC SUPPLIES	20,000	20,000	20,000
AG., CONSERVATION & HORT SUPP	500	500	500
OTHER SUPPLIES	37,100	37,100	37,100
PRINTING & BINDING	400,950	400,950	400,950

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
EXPENDITURES			
UNIFORMS & RELATED ITEMS	2,850	2,850	2,850
COMMUNICATIONS	12,000	12,000	12,000
RENTALS	850	850	850
UTILITIES	29,750	29,750	29,750
PROF & SCIENTIFIC SERVICES	105,000	105,000	105,000
OUTSIDE SERVICES	83,250	83,250	83,250
ADVERTISING & PUBLICITY	12,500	12,500	12,500
DATA PROCESSING	26,152	26,152	26,152
REIMBURSEMENTS TO OTHER AGEN	5,000	5,000	5,000
EQUIPMENT	80,050	80,050	80,050
EXPENDITURES SUBTOTAL	2,651,451	2,664,609	2,667,363
TOTAL DISPOSITION OF RESOURCES	\$ 2,651,451	\$ 2,664,609	\$ 2,667,363

NATURAL RESOURCES, DEPARTMENT OF
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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
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RANK	DESCRIPTION ----- BASE	TOTAL DEPT REQ 91-92 FY 1991 - 1992		TOTAL DEPT REQ 92-93 FY 1992 - 1993	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
		\$ (2,209,521 GF \$ 706,491	465,571	\$ (2,211,972 GF \$ 706,807	467,174
		(30.95) OT		(30.95) OT	
0001	LEGAL Restore legal support to FY91 level of effort.	(50,463 GF 30,278	20,185	(50,635 GF 30,381	20,254
		(1.00) OT		(1.00) OT	
0002	OUTDOOR RECREATION Restore planning staff to maintain the statewide comprehensive outdoor recreation plan and provide impact analysis of DNR policies.	(99,846 GF 59,908	39,938	(99,846 GF 59,908	39,938
		(2.00) OT		(2.00) OT	
0003	PUBLICATIONS Restore personnel for newsletter, radio, and television spot production.	(129,922 GF 77,953	51,969	(130,053 GF 78,032	52,021
		(3.00) OT		(3.00) OT	
0004	PUBLICATIONS Restore field information and education activities to FY91 levels.	(72,622 GF 43,573	29,049	(72,622 GF 43,573	29,049
		(2.00) OT		(2.00) OT	
0005	LEGAL Restore the legal assistant to provide project tracking and monitoring activities for the legal section.	(33,746 GF 20,248	13,498	(33,746 GF 20,248	13,498
		(1.00) OT		(1.00) OT	
0006	PUBLICATIONS Restore graphic support for technical report and brochure production activities.	(51,489 GF 30,893	20,596	(51,489 GF 30,893	20,596
		(1.50) OT		(1.50) OT	
0007	LEGAL Restore environmental mediation training to legal staff to enhance natural resource issue dispute resolution.	(17,000 GF 10,200	6,800	(17,000 GF 10,200	6,800
		(1.00) OT		(1.00) OT	
TOTAL		\$ (2,664,609 GF \$ 979,544	647,606	\$ (2,667,363 GF \$ 980,042	649,330
		(41.45) OT		(41.45) OT	
		=====	=====	=====	=====

DEPT REV FY 1990-91
\$ 2,651,451 \$
(41.45) OT 170,248
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ADMINISTRATIVE SERVICES DIV.

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GMF-BIG SPRINGS MONITORING-D	\$ 12,205	\$ 12,671	\$ 12,673
GMF-GEN'L PROVISIONS-DNR	40,677	42,414	42,453
GMF-STORAGE TANKS STUDY-DNR	5,105	5,224	5,223
GMF-HOUSEHOLD HAZ WASTE-DNR	4,248	4,352	4,351
GMF-MELL TESTING ADMIN 2X-DN	4,787	4,952	4,950
GMF-GWTR MONITORING-DNR	100,378	104,037	104,131
GMF-LANDFILL ALTERNATIVES-DN	5,638	5,904	5,923
GF-NATURAL RESOURCES OPERTNS		1,779,595	1,978,133
F&G-OPERATIONS-DNR		2,053,103	2,057,341
APPROPRIATIONS SUBTOTAL	173,038	4,012,252	4,215,178
RECEIPTS			
FEDERAL SUPPORT	605,744	614,645	615,418
INTRA STATE RECEIPTS	494,562	1,063,656	1,065,293
RECEIPTS SUBTOTAL	1,100,306	1,678,301	1,680,711
TRANSFERS			
GENERAL FUND - NATURAL RES.	1,938,094		
FISH & GAME - NATURAL RES.	2,266,924		
TOTAL RESOURCES	\$ 5,478,362	\$ 5,690,553	\$ 5,895,889
FTE POSITIONS	124.15	126.15	126.15
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 4,119,712	\$ 4,207,903	\$ 4,213,239
PERSONAL TRAVEL	60,350	60,350	60,350
STATE VEHICLE OPERATION	60,500	60,500	60,500
DEPRECIATION	72,500	112,500	112,500
OFFICE SUPPLIES	346,350	396,350	396,350
FACILITY MAINTENANCE SUPPLIE	1,700	1,700	1,700
EQUIPMENT MAINTENANCE SUPPLI	50,000	50,000	50,000
OTHER SUPPLIES	15,500	15,500	15,500
PRINTING & BINDING	37,175	37,175	37,175
UNIFORMS & RELATED ITEMS	4,200	4,200	4,200
COMMUNICATIONS	238,500	272,500	272,500
RENTALS	1,900	1,900	1,900

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
EXPENDITURES			
OUTSIDE SERVICES	58,350	58,350	58,350
ADVERTISING & PUBLICITY	1,650	1,650	1,650
DATA PROCESSING	122,700	122,700	122,700
AUDITOR OF STATE REIMBURSEME	80,000	100,000	100,000
REIMBURSEMENTS TO OTHER AGEN	22,300	22,300	22,300
EQUIPMENT	184,825	164,825	364,825
LICENSES	150	150	150
EXPENDITURES SUBTOTAL	5,478,362	5,690,553	5,895,889
TOTAL DISPOSITION OF RESOURCES	\$ 5,478,362	\$ 5,690,553	\$ 5,895,889

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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
	BASE	\$ 3,650,155	GF \$ 1,067,826	\$ 3,653,751	GF \$ 1,066,187
		(81.15)	OT 1,766,338	(81.15)	OT 1,770,609
0001	ADMINISTRATIVE SUPPORT BUREAU Restore administrative support to 95% of FY91 staffing level.	429,354	GF 257,612	429,354	GF 257,612
		(9.00)	OT 171,742	(9.00)	OT 171,742
0002	Restore accounting and data processing services to 90% of FY91 levels.	250,747	GF 150,448	250,970	GF 150,582
		(6.00)	OT 100,299	(6.00)	OT 100,388
0003	CONSTRUCTION SERVICES BUREAU Restore construction services to FY91 level. Funding shifted from general fund to capital funds.	696,981	GF 698,097	698,097	GF 698,097
		(15.00)	OT 15,000	(15.00)	OT 15,000
0004	LAND ACQUISITION/MGMT BUREAU Restore land acquisition to FY91 level. Funding shifted from general fund to capital funds.	165,329	GF 165,659	165,659	GF 165,659
		(3.00)	OT 3,000	(3.00)	OT 3,000
0005	Restore accounting & licensing full time positions and support to FY91 level.	85,209	GF 56,043	85,209	GF 56,043
		(3.00)	OT 29,166	(3.00)	OT 29,166
0006	Restore Budget/Grants and Data Processing to FY91 levels allowing for timely processing of local recreation grants & info processing activities.	172,388	GF 103,432	172,459	GF 103,475
		(4.00)	OT 68,956	(4.00)	OT 68,984
0007	ADMINISTRATIVE SUPPORT BUREAU Restore administrative support to FY91 levels.	74,390	GF 44,634	74,390	GF 44,634
		(3.00)	OT 29,756	(3.00)	OT 29,756
0008	Provide for two additional staff to address increased office mgmt & accounting duties associated with environmental program increases.	42,000	GF 25,200	42,000	GF 25,200
		(2.00)	OT 16,800	(2.00)	OT 16,800
0009	ADMINISTRATIVE SERVICES DIV MGMT Provide for cost increases for vehicle operations and depreciation, postage, telephone, and audit costs.	124,000	GF 74,400	124,000	GF 74,400
		(2.00)	OT 49,600	(2.00)	OT 49,600
0010	ADMINISTRATIVE SUPPORT BUREAU Provide improved records management capability through the purchase of additional filing and optical scanning equipment.			200,000	GF 200,000
TOTAL		\$ 5,690,553	GF \$ 1,779,595	\$ 5,895,889	GF \$ 1,978,133
		(126.15)	OT 2,232,657	(126.15)	OT 2,237,045

NATURAL RESOURCES, DEPARTMENT OF
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91001542G72 4000

PARKS, PRES. & RECREATION DIV.

STATE OF IOWA
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-NATURAL RESOURCES OPERITNS	\$	\$ 5,683,739	\$ 5,705,428
MFT-OPERATIONS-DNR	400,000	450,000	450,000
APPROPRIATIONS SUBTOTAL	400,000	6,133,739	6,155,428
RECEIPTS			
FEDERAL SUPPORT	65,500	65,500	65,500
INTRA STATE RECEIPTS	364,499	364,880	364,880
RECEIPTS SUBTOTAL	429,999	430,380	430,380
TRANSFERS			
GENERAL FUND - NATURAL RES.	5,625,918		
CONS FND - NATURAL RES.	1,574,655	1,574,655	1,574,655
TOTAL RESOURCES	\$ 8,030,572	\$ 8,138,774	\$ 8,160,463
FTE POSITIONS	217.52	217.52	217.52
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 5,491,289	\$ 5,541,491	\$ 5,563,180
PERSONAL TRAVEL	81,248	81,248	81,248
STATE VEHICLE OPERATION	181,406	181,406	181,406
DEPRECIATION	289,769	289,769	289,769
OFFICE SUPPLIES	45,575	45,575	45,575
FACILITY MAINTENANCE SUPPLIE	560,082	618,082	618,082
EQUIPMENT MAINTENANCE SUPPLI	290,100	290,100	290,100
PROF. & SCIENTIFIC SUPPLIES	1,000	1,000	1,000
AG., CONSERVATION & HORT SUPP	19,500	19,500	19,500
OTHER SUPPLIES	27,247	27,247	27,247
PRINTING & BINDING	103,039	103,039	103,039
UNIFORMS & RELATED ITEMS	50,100	50,100	50,100
COMMUNICATIONS	66,692	66,692	66,692
RENTALS	24,040	24,040	24,040
UTILITIES	344,451	344,451	344,451
PROF & SCIENTIFIC SERVICES	96,600	96,600	96,600
OUTSIDE SERVICES	165,332	165,332	165,332
ADVERTISING & PUBLICITY	4,080	4,080	4,080
DATA PROCESSING	8,000	8,000	8,000

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 PARKS, PRES. & RECREATION DIV.

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
EXPENDITURES			
REIMBURSEMENTS TO OTHER AGEN	7,425	7,425	7,425
EQUIPMENT	168,200	168,200	168,200
OTHER EXPENSE & OBLIGATIONS	2,700	2,700	2,700
LICENSES	2,697	2,697	2,697
EXPENDITURES SUBTOTAL	8,030,572	8,138,774	8,160,463
TOTAL DISPOSITION OF RESOURCES \$	\$ 8,030,572	\$ 8,138,774	\$ 8,160,463

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NATURAL RESOURCES, DEPARTMENT OF
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RANK DESCRIPTION

BASE

TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
FY 1991 - 1992		FY 1992 - 1993	
EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
\$ 6,657,889	GF \$ 4,352,854	\$ 6,673,801	GF \$ 4,368,766
(191.52)	OT 300,000	(191.52)	OT 300,000

0001 Restore Wildcat Den, Fairport, Beeds Lk, Bellevue, Lk
Darling, Lk Keomah, Natural areas inventory and
threatened/endangered species prog. to fy91 level.

546,999	GF	548,763	GF
(12.00)	OT	(12.00)	OT

0002 Restore Maquoketa Caves, Mines of Spain, Pilot
Knob, Prairie Rose, Rock Creek, and trail and
park administration activities to fy91 levels.

477,047	GF	479,223	GF
(9.00)		(9.00)	

0003 Restore support for A.A. Call, Wapsipinicon,
Waubensie, Wilson Island and Volga to FY91 levels.

323,839	GF	325,676	GF
(5.00)		(5.00)	

0004 STATEWIDE PARKS
Restore funding to maintain the state park
trail system.

75,000	GF	75,000	GF
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0005 STATEWIDE PARKS
Provide funds for routine replacement of park
facility use items which wear out periodically.

58,000	GF	58,000	GF
--------	----	--------	----

DEPT REV FY 1990-91	
\$ 8,030,572	\$
(217.52)	OT 400,000
=====	=====

8,138,774	GF \$ 5,683,739	8,160,463	GF \$ 5,705,428
(217.52)	OT 450,000	(217.52)	OT 450,000
=====	=====	=====	=====

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
91001542672 5000
FORESTRY DIVISION

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-NATURAL RESOURCES OPERTNS	\$	\$ 1,884,992	\$ 2,009,008
RECEIPTS			
FEDERAL SUPPORT	292,000	391,363	447,475
TRANSFERS			
GENERAL FUND - NATURAL RES.	1,716,801		
CONS FND - NATURAL RES.	751,000	764,000	764,000
TOTAL RESOURCES	\$ 2,759,801	\$ 3,040,355	\$ 3,220,483
FTE POSITIONS	57.71	64.71	69.71
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 1,856,348	\$ 2,071,377	\$ 2,219,780
PERSONAL TRAVEL	46,305	53,055	58,905
STATE VEHICLE OPERATION	74,000	77,500	83,500
DEPRECIATION	124,781	129,281	140,781
OFFICE SUPPLIES	47,220	51,720	54,720
FACILITY MAINTENANCE SUPPLIE	32,420	32,920	33,420
EQUIPMENT MAINTENANCE SUPPLI	57,200	57,700	58,750
AG.,CONSERVATION & HORT SUPP	85,118	86,118	87,668
OTHER SUPPLIES	11,000	11,000	11,000
PRINTING & BINDING	14,516	16,016	16,016
UNIFORMS & RELATED ITEMS	14,950	16,725	18,500
COMMUNICATIONS	26,680	26,680	27,180
RENTALS	17,200	17,200	17,200
UTILITIES	28,500	28,500	28,500
PROF & SCIENTIFIC SERVICES	40,000	40,000	40,000
OUTSIDE SERVICES	57,350	57,350	57,350
ADVERTISING & PUBLICITY	900	900	900
DATA PROCESSING	1,500	1,500	1,500
REIMBURSEMENTS TO OTHER AGEN	500	500	500
EQUIPMENT	128,973	169,973	169,973
LICENSES	340	340	340
STATE AID	94,000	94,000	94,000
EXPENDITURES SUBTOTAL	2,759,801	3,040,355	3,220,483
TOTAL DISPOSITION OF RESOURCES	\$ 2,759,801	\$ 3,040,355	\$ 3,220,483

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

91001542G72 5000
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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
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		TOTAL DEPT REQ 91-92 FY 1991 - 1992		TOTAL DEPT REQ 92-93 FY 1992 - 1993	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
		\$	GF \$	\$	GF \$
0001	FARM FORESTRY Restore professional forestry management assistance to landowners by restoring support for three district offices serving 30% of the state.	(160,521	GF 160,521	(161,039	GF 161,039
		(3.00)		(3.00)	
0002	Restore Yellow River to 90% & Stephens & Loess Hills State Forests to 100% of FY91 levels.	(124,274	GF 124,274	(124,274	GF 124,274
		(4.00)		(4.00)	
0003	Restore Yellow River and Shimek State Forests to FY91 levels.	(93,762	GF 93,762	(93,762	GF 93,762
		(3.00)		(3.00)	
0004	FARM FORESTRY Restore Farm Forestry Program to the FY91 level of operation.	(79,923	GF 79,923	(79,923	GF 79,923
		(2.00)		(2.00)	
0005	FARM FORESTRY Provide additional funds for staff and support to administer REAP Forestry Cost Share program and the new Federal Forest Stewardship Program.	(148,225	GF 74,112	(260,450	GF 130,225
		(3.00)		(6.00)	
0006	UTILIZATION AND MARKETING Provide staff and support for new Rural Revitalization Through Forestry Program increasing forestry related business growth in Iowa.	(50,500	GF 25,250	(50,500	GF 25,250
		(1.00)		(1.00)	
0007	Provide additional staff and support to increase forestry efforts on new Reichelt and Loess Hills land acquisitions.	(53,800	GF 53,800	(53,800	GF 53,800
		(2.00)		(2.00)	
0008	NURSERY STOCK PRODUCTION Provide funding for additional Seasonal extra help needed at the State Forest Nursery to meet the increased public demand for nursery stock.	(13,000		(13,000	
		(1.00)		(1.00)	
0009	STATE FORESTRY BUREAU MGMT Provide additional staff and support to address program expansions which have occurred over the past several years.	(44,000	GF 44,000	(44,000	GF 44,000
		(1.00)		(1.00)	

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0010 STEPHENS FOREST
Provide additional staff and support to Stephens
State Forest to address expanded forest management
needs as well as increased maintenance needs.

TOTAL
DEPT REV FY 1990-91
\$ 2,759,801 \$
(57.71)
=====

TOTAL DEPT REQ 91-92
FY 1991 - 1992
EXPEND/FTE APPROPRIATION

\$ \$

TOTAL DEPT REQ 92-93
FY 1992 - 1993
EXPEND/FTE APPROPRIATION

\$ 20,500 GF \$ 20,500
(1.00)

\$ 3,040,355 GF \$ 1,884,992
(64.71)
=====

\$ 3,220,483 GF \$ 2,009,008
(69.71)
=====

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NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS
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ENERGY & GEOLOGICAL RESOURCES

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
GMF-BIG SPRINGS MONITORING-D	\$ 673,724	\$ 575,127	\$ 217,700
GMF-GEN'L PROVISIONS-DNR	301,678	148,973	135,638
GF-NATURAL RESOURCES OPERTNS		1,448,597	1,450,757
APPROPRIATIONS SUBTOTAL	975,402	2,172,697	1,804,095
RECEIPTS			
FEDERAL SUPPORT	508,593	508,117	508,057
INTRA STATE RECEIPTS	1,705,602	1,725,126	1,726,765
FEES, LICENSES & PERMITS	8,000	8,000	8,000
OTHER SALES & SERVICES	37,000	37,000	37,000
RECEIPTS SUBTOTAL	2,259,195	2,278,243	2,279,822
TRANSFERS			
GENERAL FUND - NATURAL RES.	1,374,429		
TOTAL RESOURCES	\$ 4,609,026	\$ 4,450,940	\$ 4,083,917
FTE POSITIONS	59.62	59.62	59.62
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 2,360,825	\$ 2,396,404	\$ 2,400,177
PERSONAL TRAVEL	95,160	95,160	95,160
STATE VEHICLE OPERATION	28,800	28,800	28,800
DEPRECIATION	27,302	27,302	27,302
OFFICE SUPPLIES	6,949	6,949	6,949
FACILITY MAINTENANCE SUPPLIE	1,000	1,000	1,000
EQUIPMENT MAINTENANCE SUPPLI	40,000	40,000	40,000
PROF. & SCIENTIFIC SUPPLIES	49,500	49,500	49,500
OTHER SUPPLIES	34,510	34,510	34,510
PRINTING & BINDING	70,829	70,829	70,829
COMMUNICATIONS	18,510	18,510	18,510
RENTALS	2,400	2,400	2,400
UTILITIES	13,175	13,175	13,175
PROF & SCIENTIFIC SERVICES	1,762,858	1,509,193	1,138,397
OUTSIDE SERVICES	16,656	16,656	16,656
DATA PROCESSING	13,400	13,400	13,400
REIMBURSEMENTS TO OTHER AGEN	7,118	7,118	7,118

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		TOTAL DEPT REQ 91-92 FY 1991 - 1992		TOTAL DEPT REQ 92-93 FY 1992 - 1993	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
		\$ (4,037,086 GF \$ 1,034,743	724,100	\$ (3,669,405 GF \$ 1,036,245	353,338
		(51.62) OT		(51.62) OT	
0001	GEOLOGICAL & MINERAL RESOURCES Restore microscopic analysis & description of drill samples from private, municipal, and industrial wells.	44,177 GF	44,177	44,350 GF	44,350
		(1.00)		(1.00)	
0002	WATER RESOURCES Restore soils & sediment studies & investigations, researching the susceptibility of groundwater to contamination.	53,860 GF	53,860	54,033 GF	54,033
		(1.00)		(1.00)	
0003	GEOLOGICAL & MINERAL RESOURCES Restore drill sample processing & tracking, field equipment maintenance/repair, and map/publications cataloging.	116,055 GF	116,055	116,194 GF	116,194
		(3.00)		(3.00)	
0004	USGS MATCH Restore drilling program by providing for continued water quality/quantity investigations and related geological information.	88,597 GF	88,597	88,597 GF	88,597
		(2.00)		(2.00)	
0005	ENVIRONMENTAL GEOLOGY Restore analysis of soils/sediments needed as data base for siting landfills, H.M. storage facilities & locating sand, gravel, etc for constructn projects	51,165 GF	51,165	51,338 GF	51,338
		(1.00)		(1.00)	
0006	GEOLOGICAL SURVEY BUREAU MGMT Provide computer workstation to replace outdated equip. enhancing remote sensing information processing at a lower annual maint. cost (-20K).	60,000 GF	60,000	60,000 GF	60,000
TOTAL		\$ 4,450,940 GF \$ 1,448,597	724,100	\$ 4,083,917 GF \$ 1,450,757	353,338
		(59.62) OT		(59.62) OT	

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
EXPENDITURES			
EQUIPMENT	60,034	120,034	120,034
EXPENDITURES SUBTOTAL	4,609,026	4,450,940	4,083,917
TOTAL DISPOSITION OF RESOURCES \$	\$ 4,609,026	\$ 4,450,940	\$ 4,083,917
	=====	=====	=====

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GMF-GEN'L PROVISIONS-DNR	\$ 358,704	\$ 230,332	\$ 230,551
GMF-STORAGE TANKS STUDY-DNR	76,856	77,944	78,029
GMF-WELL TESTING ADMIN 2%-DNR	53,963	54,370	54,370
GMF-GMTR MONITORING-DNR	502,216	504,418	504,937
GF-NATURAL RESOURCES OPERTNS		4,576,785	4,584,705
APPROPRIATIONS SUBTOTAL	991,739	5,443,849	5,452,592
RECEIPTS			
FEDERAL SUPPORT	6,341,214	6,390,576	6,396,276
INTRA STATE RECEIPTS	206,486	208,516	209,052
RECEIPTS SUBTOTAL	6,547,700	6,599,092	6,605,328
TRANSFERS			
GENERAL FUND - NATURAL RES.	2,069,577		
TOTAL RESOURCES	\$ 9,609,016	\$ 12,042,941	\$ 12,057,920
FTE POSITIONS	160.75	185.75	185.75
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 6,534,541	\$ 7,508,516	\$ 7,523,495
PERSONAL TRAVEL	180,000	210,000	210,000
STATE VEHICLE OPERATION	51,000	61,000	61,000
DEPRECIATION	63,000	73,000	73,000
OFFICE SUPPLIES	40,250	41,050	41,050
FACILITY MAINTENANCE SUPPLIE	2,500	2,500	2,500
EQUIPMENT MAINTENANCE SUPPLI	12,500	12,500	12,500
PROF. & SCIENTIFIC SUPPLIES	6,450	6,450	6,450
OTHER SUPPLIES	33,250	33,250	33,250
PRINTING & BINDING	54,870	56,370	56,370
UNIFORMS & RELATED ITEMS	6,200	6,200	6,200
COMMUNICATIONS	43,650	43,650	43,650
RENTALS	47,200	61,200	61,200
UTILITIES	14,145	14,145	14,145
PROF & SCIENTIFIC SERVICES	1,790,360	3,139,360	3,139,360
OUTSIDE SERVICES	48,375	48,375	48,375
ADVERTISING & PUBLICITY	5,250	5,250	5,250

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ENVIRONMENTAL PROTECTION DIV.

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
EXPENDITURES			
DATA PROCESSING	165,000	179,000	179,000
REIMBURSEMENTS TO OTHER AGEN	17,225	17,075	17,075
EQUIPMENT	492,050	522,850	522,850
OTHER EXPENSE & OBLIGATIONS	700	700	700
LICENSES	500	500	500
EXPENDITURES SUBTOTAL	9,609,016	12,042,941	12,057,920
TOTAL DISPOSITION OF RESOURCES	\$ 9,609,016	\$ 12,042,941	\$ 12,057,920

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ENVIRONMENTAL PROTECTION DIV.

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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
	BASE	\$ 8,870,950	GF \$ 1,495,264	\$ 8,884,190	GF \$ 1,501,621
		(145.75)	OT 867,064	(145.75)	OT 867,887
0001	WATER RIGHTS Restore Water Withdrawal Program by providing for state supervision of water use activities.	135,146	135,146	135,490	135,490
		(3.00)		(3.00)	
0002	FLOOD PLAIN Restore the Floodplain Program by providing for state supervision of floodplain construction activities.	422,219	422,219	423,379	423,379
		(9.00)		(9.00)	
0003	WATER SUPPLY Restore water supply permit review turnaround time to FY91 levels.	120,626	30,156	120,861	30,215
		(3.00)		(3.00)	
0004	WATER SUPPLY Provide for additional water supply contaminant monitoring/regulation. Parameters regulated and monitored have increase six-fold since FY90.	200,000	200,000	200,000	200,000
		(6.00)		(6.00)	
0005	GROUNDWATER QUALITY PLANNING Provide for implementation of a statewide groundwater monitoring program consisting of 615 fixed station long term monitoring wells.	600,000	600,000	600,000	600,000
		(1.00)		(1.00)	
0006	CONST GRANTS NON-GRANT Enhance the department's ability to conduct detailed assessments and evaluations of Iowa's surface waters, streams, and rivers.	575,000	575,000	575,000	575,000
		(5.00)		(5.00)	
0007	AIR QUALITY Provide for implementation of an ongoing air quality toxics monitoring, permitting, and inspection program.	850,000	850,000	850,000	850,000
		(7.00)		(7.00)	
0008	3012 HAZARDOUS WASTE SITING Provide for identification/cleanup of hazardous waste sites not covered by existing federal listing and not eligible for federal superfund.	145,000	145,000	145,000	145,000
		(3.00)		(3.00)	
0009	EMERGENCY RESPONSE Provide a training program on emergency response techniques to ensure local response plans and procedures are up to date.	70,000	70,000	70,000	70,000
		(2.00)		(2.00)	

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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92 FY 1991 - 1992		TOTAL DEPT REQ 92-93 FY 1992 - 1993	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0010	WASTE MANAGEMENT SOLID WASTE Provide additional supervisory personnel for oversite of solid waste activities.	\$ (40,000 1.00)	\$ 40,000	\$ (40,000 1.00)	\$ 40,000
0011	FIELD/EMR RESP BUREAU MGMT Provide funding for relocation of Wallace Bldg based regional office to alleviate current severe space problems due to new program staff additions.	14,000	GF 14,000	14,000	GF 14,000

DEPT REV FY 1990-91		DEPT REV FY 1991-92		DEPT REV FY 1992-93	
TOTAL		TOTAL		TOTAL	
\$ 9,609,016	\$ 9,609,016	\$ 12,042,941	GF \$ 4,576,785	\$ 12,057,920	GF \$ 4,584,705
(160.75)	OT 991,739	(185.75)	OT 867,064	(185.75)	OT 867,887
=====	=====	=====	=====	=====	=====

STATE OF IOWA
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BUDGET WORKSHEETS FOR 1991-1993 BIENNIIUM
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NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS
91001542672 8000
FISH AND WILDLIFE DIVISION

	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
F&G-OPERATIONS-DNR	\$	\$ 15,445,348	\$ 15,481,558
RECEIPTS			
INTRA STATE RECEIPTS	191,884	193,175	193,175
TRANSFERS			
FISH & GAME - NATURAL RES.	5,144,307		
FISH & GAME - NATURAL RES.	4,710,374		
FISH & GAME - NATURAL RES.	5,207,838		
FISH & GAME - NATURAL RES.	184,541		
TOTAL RESOURCES	\$ 15,438,944	\$ 15,638,523	\$ 15,674,733
FTE POSITIONS	332.24	335.24	335.24
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 10,922,953	\$ 11,078,532	\$ 11,114,742
PERSONAL TRAVEL	364,625	364,625	364,625
STATE VEHICLE OPERATION	509,122	509,122	509,122
DEPRECIATION	635,350	635,350	635,350
OFFICE SUPPLIES	179,993	179,993	179,993
FACILITY MAINTENANCE SUPPLIE	367,423	367,423	367,423
EQUIPMENT MAINTENANCE SUPPLI	379,153	379,153	379,153
PROF. & SCIENTIFIC SUPPLIES	22,000	22,000	22,000
AG., CONSERVATION & HORT SUPP	345,612	345,612	345,612
OTHER SUPPLIES	106,288	106,288	106,288
PRINTING & BINDING	146,176	146,176	146,176
UNIFORMS & RELATED ITEMS	128,270	128,270	128,270
COMMUNICATIONS	165,340	165,340	165,340
RENTALS	47,185	47,185	47,185
UTILITIES	222,606	222,606	222,606
PROF & SCIENTIFIC SERVICES	191,441	191,441	191,441
OUTSIDE SERVICES	154,066	154,066	154,066
ADVERTISING & PUBLICITY	19,570	19,570	19,570
DATA PROCESSING	38,000	38,000	38,000
REIMBURSEMENTS TO OTHER AGEN	105,250	105,250	105,250
EQUIPMENT	409,431	431,431	431,431
OTHER EXPENSE & OBLIGATIONS	900	900	900
LICENSES	190	190	190
EXPENDITURES SUBTOTAL	15,438,944	15,638,523	15,674,733
TOTAL DISPOSITION OF RESOURCES	\$ 15,438,944	\$ 15,638,523	\$ 15,674,733

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FISH AND WILDLIFE DIVISION

RANK DESCRIPTION

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RANK	DESCRIPTION	TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
		\$ 11,667,357	\$ 11,474,182	\$ 11,695,524	\$ 11,502,349
		(240.10) OT		(240.10) OT	
0001	Restore fish & wildlife enforcement, research & operations activities to 80% of fy91 level.	957,214	957,214	960,087	960,087
		(19.80) OT		(19.80) OT	
0002	Restore Rathbun Hatchery to fy91 level, and restore fish, wildlife, research and operations activities to 90% of fy91 level.	998,996	998,996	999,858	999,858
		(20.95) OT		(20.95) OT	
0003	Restore fish, wildlife & enforcement research and operations activities to 95% of fy91 level.	916,463	916,463	919,174	919,174
		(19.60) OT		(19.60) OT	
0004	Restore fish, wildlife & enforcement research and operations activities to fy91 level.	998,493	998,493	1,000,090	1,000,090
		(31.79) OT		(31.79) OT	
0005	MISSISSIPPI RIVER MONITORING Utilize increased federal funds to expand the Mississippi Monitoring program.	100,000	100,000	100,000	100,000
		(3.00) OT		(3.00) OT	
TOTAL		\$ 15,638,523	\$ 15,445,348	\$ 15,674,733	\$ 15,481,558
		(335.24) OT		(335.24) OT	

DEPT REV FY 1990-91
\$ 15,438,944
(332.24)

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
91001542G72 9000
WASTE MANAGEMENT AUTHORITY

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
ORGANIZATION - BUDGET COMPARISON

SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
DATE 09/24/90 TIME 22.18.08
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GMF-HOUSEHOLD HAZ WASTE-DNR	\$ 94,490	\$ 94,526	\$ 94,526
GMF-GWTR MONITORING-DNR	369,728	681,797	682,205
GMF-WASTE MGMT AUTH.-DNR	61,514		
GMF-LANDFILL ALTERNATIVES-DNR	48,130	49,145	49,318
APPROPRIATIONS SUBTOTAL	573,862	825,468	826,049
RECEIPTS			
FEDERAL SUPPORT	282,784	283,939	284,082
TOTAL RESOURCES	\$ 856,646	\$ 1,109,407	\$ 1,110,131
FTE POSITIONS	12.75	18.75	18.75
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 476,841	\$ 667,102	\$ 667,826
PERSONAL TRAVEL	52,000	60,000	60,000
OFFICE SUPPLIES	17,500	18,500	18,500
OTHER SUPPLIES	11,500	12,500	12,500
PRINTING & BINDING	52,500	62,500	62,500
PROF & SCIENTIFIC SERVICES	192,655	192,655	192,655
OUTSIDE SERVICES	23,700	23,700	23,700
DATA PROCESSING	4,400	4,900	4,900
REIMBURSEMENTS TO OTHER AGEN	12,450	12,450	12,450
EQUIPMENT	13,000	55,000	55,000
LICENSES	100	100	100
EXPENDITURES SUBTOTAL	856,646	1,109,407	1,110,131
TOTAL DISPOSITION OF RESOURCES	\$ 856,646	\$ 1,109,407	\$ 1,110,131

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
91001542072 9000
WASTE MANAGEMENT AUTHORITY

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
RANKING SCHEDULE - ORGANIZATION RECAP

SCHEDULE 1 ORGN RECAP
(RANKING SCHEDULE)
DATE 09/24/90 TIME 21.53.04
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RANK DESCRIPTION

BASE

TOTAL DEPT REQ 91-92		TOTAL DEPT REQ 92-93	
FY 1991 - 1992		FY 1992 - 1993	
EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
\$ (866,907	\$ 582,968	\$ (867,631	\$ 583,549
(12.75) OT		(12.75) OT	

0001 WASTE MGMT. AUTH. SOLID WASTE
Provide additional technical educational and
promotional capabilities associated with
implementation of recycling programs.

DEPT REV FY 1990-91		TOTAL	
\$ 856,646	\$ 573,862	\$ 1,109,407	\$ 1,110,131
(12.75) OT		(18.75) OT	(18.75) OT
=====	=====	=====	=====
			826,049

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-REIMBURSEMENT TO USGS	\$ 185,983	\$ 185,983	\$ 185,983
TOTAL RESOURCES	\$ 185,983	\$ 185,983	\$ 185,983
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$ 185,983	\$ 185,983	\$ 185,983
TOTAL DISPOSITION OF RESOURCES	\$ 185,983	\$ 185,983	\$ 185,983

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-GREEN THUMB PROGRAM	\$ 230,500	\$ 254,000	\$ 265,000
TRANSFERS			
CONS FND - NATURAL RES.	20,745	29,000	29,000
TOTAL RESOURCES	\$ 251,245	\$ 282,000	\$ 294,000
FTE POSITIONS	18.68	18.68	18.68
DISPOSITION OF RESOURCES			
EXPENDITURES			
PERSONAL SERVICES	\$ 164,733	\$ 186,129	\$ 194,494
STATE AID	86,512	95,871	99,506
EXPENDITURES SUBTOTAL	251,245	282,000	294,000
TOTAL DISPOSITION OF RESOURCES	\$ 251,245	\$ 282,000	\$ 294,000

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
ABANDONED WELL PLUGGING GRANTS

91001542G83

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-ABANDONED WELL PLUGGING	\$	\$ 500,000	\$ 500,000
TOTAL RESOURCES	\$	\$ 500,000	\$ 500,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
STATE AID	\$	\$ 500,000	\$ 500,000
TOTAL DISPOSITION OF RESOURCES	\$	\$ 500,000	\$ 500,000

55

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
HOUSEHOLD TOXIC CLEANUP/COLLECTION SITES

91001542682

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
GF-TOXIC WASTE CLEANUP	\$	\$ 900,000	\$ 900,000
TOTAL RESOURCES	\$	\$ 900,000	\$ 900,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$	\$ 400,000	\$ 400,000
STATE AID		500,000	500,000
EXPENDITURES SUBTOTAL		900,000	900,000
TOTAL DISPOSITION OF RESOURCES	\$	\$ 900,000	\$ 900,000

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
WASTE VOLUME REDUCTION & RECYCLING

91001542G84

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-WASTE REDUCTION & RECYCLI	\$	\$ 6,000,000	\$ 6,000,000
TOTAL RESOURCES	\$	\$ 6,000,000	\$ 6,000,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$	\$ 2,000,000	\$ 2,000,000
STATE AID		4,000,000	4,000,000
EXPENDITURES SUBTOTAL		6,000,000	6,000,000
TOTAL DISPOSITION OF RESOURCES	\$	\$ 6,000,000	\$ 6,000,000

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
FISH & GAME TRUST FUND SUPPLEMENT-GF

91001542G85

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
GF-FISH & GAME TRUST SUPPORT	\$	\$ 2,700,000	\$
TOTAL RESOURCES	\$	\$ 2,700,000	\$ 0
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$	\$ 2,700,000	\$
TOTAL DISPOSITION OF RESOURCES	\$	\$ 2,700,000	\$ 0

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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
NON-SF 564 F&G EXPENDITURES	\$ 1,898,200	\$ 900,000	\$ 900,000
TOTAL RESOURCES	\$ 1,898,200	\$ 900,000	\$ 900,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$ 1,898,200	\$ 100,000	\$ 100,000
OTHER EXPENSE & OBLIGATIONS		200,000	200,000
STATE AID		600,000	600,000
EXPENDITURES SUBTOTAL	1,898,200	900,000	900,000
TOTAL DISPOSITION OF RESOURCES	\$ 1,898,200	\$ 900,000	\$ 900,000

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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
OOC-EXXON OIL OVERCHARGE	\$	\$ 3,238,200	\$ 3,238,200
TOTAL RESOURCES	\$	\$ 3,238,200	\$ 3,238,200
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$	\$ 238,200	\$ 238,200
INTRA-STATE TRANSFERS		3,000,000	3,000,000
EXPENDITURES SUBTOTAL		3,238,200	3,238,200
TOTAL DISPOSITION OF RESOURCES	\$	\$ 3,238,200	\$ 3,238,200

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AD

RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
APPROPRIATIONS			
COG-STRIPPER WELL FUNDS	\$	\$ 3,935,000	\$ 1,690,000
TOTAL RESOURCES	\$	\$ 3,935,000	\$ 1,690,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$	\$ 200,000	\$ 300,000
INTRA-STATE TRANSFERS		3,735,000	1,390,000
EXPENDITURES SUBTOTAL		3,935,000	1,690,000
TOTAL DISPOSITION OF RESOURCES	\$	\$ 3,935,000	\$ 1,690,000

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES

RESOURCE ENHANCEMENT & PROTECTION FUND

91147542

STATE OF ICHA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/12/90 TIME 23.43.01
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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
BALANCE BROUGHT FORWARD	\$ 7,679,276	\$	\$
RECEIPTS			
INTEREST	750,000	750,000	750,000
TRANSFERS			
CLEAN FUND - NATURAL RES.	25,000,000	25,000,000	25,000,000
GENERAL FUND - NATURAL RES.		5,000,000	5,000,000
TOTAL RESOURCES	\$ 33,429,276	\$ 30,750,000	\$ 30,750,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$ 714,326	\$ 360,000	\$ 360,000
OTHER EXPENSE & OBLIGATIONS	10,000	59,500	59,500
STATE AID	15,294,685	13,599,665	13,599,665
CAPITALS	3,279,165	10,271,635	10,271,635
EXPENDITURES SUBTOTAL	19,298,176	24,290,800	24,290,800
TRANSFERS			
WTR PROT FND - SOIL CONS.	1,000,000	1,500,000	1,500,000
WTR PROT FND - SOIL CONS.	4,201,200	4,201,200	4,201,200
JOBS NCH CAP - CULTURAL AFF	972,500		
CONS ADMIN - NATURAL RES.	258,000	258,000	258,000
LIVING ROAD - TRANS. DEPT.	583,500	500,000	500,000
STATE APPROPRIATIONS			
REAP-OPEN SPACES ACCT CAPS	5,445,900		
REAP-LAND MGMT CAPITALS	1,670,000		
STATE APPROP SUBTOTAL	7,115,900		
TOTAL DISPOSITION OF RESOURCES	\$ 33,429,276	\$ 30,750,000	\$ 30,750,000

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
GROUNDWATER PROTECTION FUND

91342542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
BALANCE BROUGHT FORWARD	\$ 7,638,042	\$ 2,429,722	\$ 2,380,650
RECEIPTS			
INTRA STATE RECEIPTS	2,700,000	2,130,000	460,000
INTEREST	571,285	571,500	821,716
FEES, LICENSES & PERMITS	8,660,000	9,910,000	10,910,000
RECEIPTS SUBTOTAL	11,931,285	12,611,500	12,191,716
TOTAL RESOURCES	\$ 19,569,327	\$ 15,041,222	\$ 14,572,366
DISPOSITION OF RESOURCES			
EXPENDITURES			
PROF & SCIENTIFIC SERVICES	\$ 2,279,342	\$ 1,192,527	\$ 129,603
INTRA-STATE TRANSFERS	681,799	681,797	681,797
STATE AID	7,661,969	6,014,404	7,014,375
CAPITALS	144,485		
EXPENDITURES SUBTOTAL	10,747,595	7,888,728	7,825,775
TRANSFERS			
AG ENERGY - SOIL CONS.	1,700,000	1,700,000	1,700,000
AG MGMT ACCT - SOIL CONS.	271,830	271,830	271,830
STATE APPROPRIATIONS			
GMF-BIG SPRINGS MONITORING-0	690,938	592,592	235,171
GMF-GEN'L PROVISIONS-DNR	792,701	513,167	500,275
GMF-REP. POISONINGS-OPH	1,000	1,000	1,000
GMF-STORAGE TANKS STUDY-DNR	124,556	125,644	125,729
GMF-HOUSEHOLD HAZ WASTE-DNR	100,481	100,524	100,524
GMF-REP. POISONINGS-OPH	2,000	2,000	2,000
GMF-REP. POISONINGS-OPH	9,000	9,000	9,000
GMF-HEALTH CENTER-REGENTS	200,000		
GMF-LEGOLD CENTER-REGENTS	900,000		
GMF-WELL TESTING ADMIN 2X-DNR	60,715	61,195	61,194
GMF-WELL TESTING UHL-REGENTS	125,460		
GMF-GWTR MONITORING-DNR	1,013,521	1,329,610	1,330,701
GMF-WASTE MGMT AUTH.-DNR	61,514		
GMF-REP. POISONINGS-OPH	8,000	8,000	8,000
GMF-SMALL BUS CTR-REGENTS	274,211		
GMF-LANDFILL ALTERNATIVES-DNR	56,082	57,282	57,484
STATE APPROP SUBTOTAL	4,420,179	2,800,014	2,431,078

	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
DISPOSITION OF RESOURCES			
BALANCE CARRIED FORWARD	2,429,723	2,380,650	2,343,683
TOTAL DISPOSITION OF RESOURCES	\$ 19,569,327	\$ 15,041,222	\$ 14,572,366
	=====	=====	=====

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
FISH AND WILDLIFE TRUST FUND

91233542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/18/90 TIME 21.00.52
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
BALANCE BROUGHT FORWARD	\$ 2,965,000	\$	\$ -1,742,073
RECEIPTS			
FEDERAL SUPPORT			
INTEREST	4,512,000	4,410,000	4,410,000
FEES, LICENSES & PERMITS	193,636	78,011	50,000
REFUNDS & REIMBURSEMENTS	12,911,710	12,911,710	16,911,710
SALE OF EQUIPMENT & SALVAGE	84,060	84,060	84,060
AGRICULTURAL SALES	25,000	25,000	25,000
OTHER SALES & SERVICES	18,000	18,000	18,000
UNEARNED RECEIPTS	175,200	175,200	175,200
INCOME TAX CHECKOFFS	1,200	1,200	1,200
OTHER	182,000	182,000	182,000
	295,200	295,200	295,200
RECEIPTS SUBTOTAL	18,398,006	18,180,331	22,152,370
TRANSFERS			
MARINE FUEL - REVENUE	150,000	150,000	150,000
SNOWMOBILE REG - NATURAL RES.	150,000	100,000	100,000
BOAT REG - NATURAL RES.	1,000,000	950,000	950,000
TOTAL RESOURCES	\$ 22,663,006	\$ 19,380,331	\$ 21,610,297
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	6	\$	\$
STATE APPROPRIATIONS			
F&G-DNR ADMIN EXPENSES	2,888,006		
F&G-DNR LAW ENFORCEMENT BUR	5,144,307		
F&G-FISHERIES BUREAU	4,710,374		
F&G-WILDLIFE BUREAU	5,207,838		
F&G-DIVISION MANAGEMENT	184,541		
F&G-CAPITALS	1,764,000		
F&G-OPERATIONS-DNR		2,114,000	1,871,000
NON-SF 564 F&G EXPENDITURES	1,898,200	18,108,454	18,150,719
STATE APPROP SUBTOTAL	21,797,266	21,122,454	20,921,719
BALANCE CARRIED FORWARD	865,734	-1,742,073	688,578
TOTAL DISPOSITION OF RESOURCES	\$ 22,663,006	\$ 19,380,331	\$ 21,610,297

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
LAND AND WATER CONSERVATION FUND

91002542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/10/90 TIME 23.53.06
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RESOURCES	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RECEIPTS			
FEES, LICENSES & PERMITS	\$ 13,000	\$ 13,000	\$ 13,000
REFUNDS & REIMBURSEMENTS	10,000	10,000	10,000
SALE OF EQUIPMENT & SALVAGE	5,000	5,000	5,000
RENTS & LEASES	1,280,000	1,287,255	1,288,255
AGRICULTURAL SALES	86,000	86,000	86,000
OTHER SALES & SERVICES	945,000	953,000	953,000
UNEARNED RECEIPTS	2,400	2,400	2,400
OTHER	5,000	5,000	5,000
RECEIPTS SUBTOTAL	2,346,400	2,366,655	2,367,655
TOTAL RESOURCES	\$ 2,346,400	\$ 2,366,655	\$ 2,367,655
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$ 2	\$	\$
TRANSFERS			
GENERAL FUND - NATURAL RES.	20,745	28,000	29,000
GENERAL FUND - NATURAL RES.	1,574,655	1,574,655	1,574,655
GENERAL FUND - NATURAL RES.	751,000	751,000	751,000
GENERAL FUND - NATURAL RES.		13,000	13,000
BALANCE CARRIED FORWARD	-2		
TOTAL DISPOSITION OF RESOURCES	\$ 2,346,400	\$ 2,366,655	\$ 2,367,655

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91258542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
RECEIPTS			
INTRA STATE RECEIPTS	\$ 55,000	\$ 55,000	\$ 55,000
RENTS & LEASES	50,000	50,000	50,000
OTHER SALES & SERVICES	230,000	230,000	230,000
RECEIPTS SUBTOTAL	335,000	335,000	335,000
TRANSFERS			
REAP FUND - NATURAL RES.	258,000	258,000	258,000
TOTAL RESOURCES	\$ 593,000	\$ 593,000	\$ 593,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$ 1	\$	\$
TRANSFERS			
GENERAL FUND - NATURAL RES.	593,000	593,000	593,000
BALANCE CARRIED FORWARD	-1		
TOTAL DISPOSITION OF RESOURCES	\$ 593,000	\$ 593,000	\$ 593,000

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
ENERGY RESEARCH AND DEVELOPMENT FUND

91403542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
BALANCE BROUGHT FORWARD	\$ 1,573,689	\$	\$ -245,358
RECEIPTS			
INTRA STATE RECEIPTS	330,142	330,142	330,142
FEES, LICENSES & PERMITS	102,500	102,500	102,500
RECEIPTS SUBTOTAL	432,642	432,642	432,642
TOTAL RESOURCES	\$ 2,006,331	\$ 432,642	\$ 187,284
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	678,000	678,000	678,000
BALANCE CARRIED FORWARD	1,328,331	-245,358	-490,716
TOTAL DISPOSITION OF RESOURCES	\$ 2,006,331	\$ 432,642	\$ 187,284

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
BOAT REGISTRATION FEES

91254542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNium
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23.48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
BALANCE BROUGHT FORWARD	\$ 1,000,430	\$ -560,200	\$ -560,200
RECEIPTS			
FEES, LICENSES & PERMITS	1,500,000	500,000	1,500,000
TOTAL RESOURCES	\$ 2,500,430	\$ 500,000	\$ 939,800
DISPOSITION OF RESOURCES			
EXPENDITURES			
OFFICE SUPPLIES	\$ 200	\$ 200	\$ 200
FACILITY MAINTENANCE SUPPLIE	45,000	45,000	45,000
PRINTING & BINDING	45,000	45,000	45,000
DATA PROCESSING	20,000	20,000	20,000
EXPENDITURES SUBTOTAL	110,200	110,200	110,200
TRANSFERS			
FISH & GAME - NATURAL RES.	1,000,000	950,000	950,000
BALANCE CARRIED FORWARD	1,390,230	-560,200	-120,400
TOTAL DISPOSITION OF RESOURCES	\$ 2,500,430	\$ 500,000	\$ 939,800

9/4

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
SNOWMOBILE REGISTRATION FEES

91255542

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1991-1993 BIENNIAL
BU / FUND - BUDGET COMPARISON

SCHEDULE 6 BU/F RECAP
(BUDGET COMPARISON)
DATE 09/07/90 TIME 23:48.14
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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
BALANCE BROUGHT FORWARD	\$ 193,204	\$	\$ -80,400
RECEIPTS			
FEES, LICENSES & PERMITS	500,000	140,000	500,000
TOTAL RESOURCES	\$ 693,204	\$ 140,000	\$ 419,600
DISPOSITION OF RESOURCES			
EXPENDITURES			
OFFICE SUPPLIES	\$ 200	\$ 200	\$ 200
FACILITY MAINTENANCE SUPPLIE	11,000	11,000	11,000
OTHER SUPPLIES	2,500	2,500	2,500
PRINTING & BINDING	13,000	13,000	13,000
OUTSIDE SERVICES	300	300	300
DATA PROCESSING	900	900	900
EQUIPMENT	40,000	40,000	40,000
STATE AID	50,000	50,000	50,000
CAPITALS	2,500	2,500	2,500
EXPENDITURES SUBTOTAL	120,400	120,400	120,400
TRANSFERS			
FISH & GAME - NATURAL RES.	150,000	100,000	100,000
BALANCE CARRIED FORWARD	422,804	-80,400	199,200
TOTAL DISPOSITION OF RESOURCES	\$ 693,204	\$ 140,000	\$ 419,600

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	DEPT REV FY FY 1990-91	TOTAL DEPT R FY 1991-92	TOTAL DEPT R FY 1992-93
RESOURCES			
APPROPRIATIONS			
NON-SF564 MARINE FUEL TAX CA	\$	\$ 950,000	\$ 1,000,000
TOTAL RESOURCES	\$	\$ 950,000	\$ 1,000,000
DISPOSITION OF RESOURCES			
EXPENDITURES			
INTRA-STATE TRANSFERS	\$	\$ 600,000	\$ 650,000
OTHER EXPENSE & OBLIGATIONS		150,000	150,000
STATE AID		200,000	200,000
EXPENDITURES SUBTOTAL		950,000	1,000,000
TOTAL DISPOSITION OF RESOURCES	\$	\$ 950,000	\$ 1,000,000

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Mr. Kuhn gave a brief explanation of recent adjustments made relative to priority for air quality and water supply. Funding requests for the toxic waste and recycling programs were incorporated.

Nancylee Siebenmann asked if the rise in fuel cost has been taken into account for state vehicles.

Mr. Kuhn responded that it has not been considered as the budget was submitted prior to the rise. It is hoped the legislature and the Governor will take it into consideration and make recommendations for same.

Motion was made by Margaret Prah1 to approve the FY 92/93 Budget Request. Seconded by Mike Earley. Motion carried unanimously.

FINANCIAL STATUS REPORT

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

The Division Financial Status report, as of the end of September, will be forwarded to the Commission when it becomes available.

On this report, the Year-To-Date budget is simply 25% of the total annual budget as passed by the General Assembly. No allowances have been made in this budget for the spending reduction. Thus, the YTD budget tends to slightly overstate the amount of funds available. Staff will be pleased to provide additional information as requested.

(Report shown on the following 4 pages)

IOWA DEPARTMENT OF NATURAL RESOURCES

DATE: October 2, 1990
TO: Director
FROM: Stan Kuhn *SK*
SUBJECT: YTD Division Financial Status Report, End of September

Attached is the Year-To-Date (YTD) division level financial status report as of September 30, 1990.

In this report, the YTD expenditures are compared to a YTD budget amount for each budget class. As explained previously, the YTD budget amount is simply 3/12th's (25%) of the annual budget.

While this report is useful, it must be used with caution. The above method of calculating the YTD budget results in a report which shows the DNR as being more "under" the budget than is really the case in most instances. On the other hand, Parks salaries appears to be considerably over budget. This is due to a high level of seasonal salaries in July and August which the above budget calculation does not take into account.

This report illustrates why it is highly desirable to prepare a monthly budget for each operational unit that is based on what managers actually expect to spend as of a particular date. We hope to have that process set up on a personal computer by the end of September.

J080C103

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

PAGE 1

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
1000 DIRECTOR'S OFFICE					
101 PERSONAL SERVICES	28,011.45	61,914.59	67,343.00	5,428.41-	269,374.00
202 PERSONAL TRAVEL	3,409.17	6,237.58	10,000.00	3,762.42-	40,000.00
301 OFFICE SUPPLIES	16.40	107.40	500.00	392.60-	2,000.00
308 OTHER SUPPLIES	3.19	3.19	300.00	296.81-	1,200.00
309 PRINTING & BINDING	977.55	2,206.40	3,500.00	1,293.60-	14,000.00
410 DATA PROCESSING	441.90	441.90	1,200.00	758.10-	4,800.00
DIVISION TOTAL	32,859.66	70,911.06	82,843.00	11,931.94-	331,374.00

J080C103

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

PAGE 2

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
2000 COORDINATION AND INFORMATION					
101 PERSONAL SERVICES	107,914.52	348,129.50	390,919.00	42,789.50-	1,563,693.00
202 PERSONAL TRAVEL	3,590.48	4,103.38	13,900.00	9,796.62-	55,600.00
203 STATE VEHICLE OPERATION	543.22	1,029.02	2,825.00	1,795.98-	11,306.00
204 STATE VEHICLE DEPRECIATIO	1,245.00	2,490.00	4,300.00	1,810.00-	17,200.00
301 OFFICE SUPPLIES	20,647.11	21,869.51	19,375.00	2,494.51	77,500.00
302 FACILITY MAINTENANCE SUPP	2,101.03	6,786.30	6,000.00	786.30	24,000.00
303 EQUIPMENT MAINTENANCE SUP	759.02	1,987.76	3,000.00	1,012.24-	12,000.00
307 AG. CONSERVATION & HORT S	0.00	295.52	125.00	170.52	500.00
308 OTHER SUPPLIES	3,340.84	7,547.40	9,275.00	1,727.60-	37,100.00
309 PRINTING & BINDING	26,183.85	76,431.08	90,375.00	13,943.92-	361,500.00
312 UNIFORMS & RELATED ITEMS	29.76	29.76	62.00	32.24-	250.00
401 COMMUNICATIONS	1,024.22	2,405.43	3,000.00	594.57-	12,000.00
402 RENTALS	0.00	337.34	212.00	125.34	850.00
403 UTILITIES	122.92	3,382.82	7,437.00	4,054.18-	29,750.00
405 PROF & SCIENTIFIC SERVICE	0.00	10,037.96	22,200.00	12,162.04-	88,800.00
406 OUTSIDE SERVICES	2,429.56	6,659.48	20,812.00	14,152.52-	83,250.00
410 DATA PROCESSING	2,675.22	2,675.22	6,288.00	3,612.78-	25,152.00
501 EQUIPMENT	104.13	2,454.71	9,462.00	7,007.29-	37,850.00
DIVISION TOTAL	172,710.88	498,652.19	609,567.00	110,914.81-	2,438,301.00

J080C103

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

PAGE 3

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
3000 ADMINISTRATIVE SERVICES DIV.					
101 PERSONAL SERVICES	311,851.62	940,416.97	1,023,467.00	83,050.03-	4,093,887.00
202 PERSONAL TRAVEL	4,711.03	8,096.06	14,087.00	5,990.94-	56,350.00
203 STATE VEHICLE OPERATION	3,256.22	8,200.88	15,125.00	6,924.12-	60,500.00
204 STATE VEHICLE DEPRECIATIO	5,495.00	10,990.00	18,125.00	7,135.00-	72,500.00
301 OFFICE SUPPLIES	51,145.86	70,172.56	86,585.00	16,412.44-	346,340.00
302 FACILITY MAINTENANCE SUPP	15.05	53.20	425.00	371.80-	1,700.00
303 EQUIPMENT MAINTENANCE SUP	6,105.97	10,230.01	12,500.00	2,269.99-	50,000.00
308 OTHER SUPPLIES	547.17	1,041.56	3,872.00	2,830.44-	15,490.00
309 PRINTING & BINDING	486.40	2,211.65	8,593.00	6,381.35-	34,375.00
312 UNIFORMS & RELATED ITEMS	0.00	25.83	750.00	724.17-	3,000.00
401 COMMUNICATIONS	3,444.51	19,750.24	58,575.00	38,824.76-	234,300.00
402 RENTALS	117.00	117.00	125.00	8.00-	500.00
406 OUTSIDE SERVICES	7,403.34	14,095.62	12,475.00	1,620.62	49,900.00
410 DATA PROCESSING	11,915.25-	15,334.40	30,675.00	15,340.60-	122,700.00
414 REIMBURSEMENTS TO OTHER A	385.00	385.00	662.00	277.00-	2,650.00
501 EQUIPMENT	1,947.80	5,519.66	18,000.00	12,480.34-	72,000.00
DIVISION TOTAL	384,996.72	1,106,640.64	1,304,041.00	197,400.36-	5,216,192.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
4000 PARKS, PRES. & RECREATION DIV.					
101 PERSONAL SERVICES	474,560.88	1,615,832.18	1,372,817.00	243,015.18	5,491,289.00
202 PERSONAL TRAVEL	5,020.69	9,017.32	19,836.00	10,818.68-	79,347.00
203 STATE VEHICLE OPERATION	15,459.45	31,914.59	45,224.00	13,309.41-	180,906.00
204 STATE VEHICLE DEPRECIATIO	18,465.00	36,850.00	71,840.00	34,990.00-	287,369.00
301 OFFICE SUPPLIES	6,196.09	8,608.08	11,266.00	2,657.92-	45,075.00
302 FACILITY MAINTENANCE SUPP	42,706.95	94,179.92	139,194.00	45,014.08-	556,782.00
303 EQUIPMENT MAINTENANCE SUP	28,264.84	68,461.26	71,273.00	2,811.74-	285,100.00
307 AG., CONSERVATION & HORT S	1,025.75	2,193.88	4,500.00	2,306.12-	18,000.00
308 OTHER SUPPLIES	3,097.48	7,246.68	6,673.00	573.68	26,694.00
309 PRINTING & BINDING	1,175.05	1,212.40	19,034.00	17,821.60-	76,139.00
312 UNIFORMS & RELATED ITEMS	190.44	410.22	8,719.00	8,308.78-	34,882.00
401 COMMUNICATIONS	6,925.11	15,848.20	16,647.00	798.80-	66,592.00
402 RENTALS	3,345.00	6,141.00	5,122.00	1,019.00	20,490.00
403 UTILITIES	47,362.51	74,030.59	86,111.00	12,080.41-	344,451.00
406 OUTSIDE SERVICES	17,139.08	36,662.99	41,333.00	4,670.01-	165,332.00
410 DATA PROCESSING	630.99	630.99	2,000.00	1,369.01-	8,000.00
501 EQUIPMENT	3,752.05	19,855.15	39,498.00	19,642.85-	158,000.00
602 OTHER EXPENSES & OBLIGATI	2,011.00	3,078.00	675.00	2,403.00	2,700.00
DIVISION TOTAL	677,328.36	2,032,173.45	1,961,762.00	70,411.45	7,847,148.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
5000 FORESTRY DIVISION					
101 PERSONAL SERVICES	135,318.90	404,877.34	464,082.00	59,204.66-	1,856,348.00
202 PERSONAL TRAVEL	1,789.81	3,856.89	11,575.00	7,718.11-	46,305.00
203 STATE VEHICLE OPERATION	4,679.46	12,196.11	18,500.00	6,303.89-	74,000.00
204 STATE VEHICLE DEPRECIATIO	9,130.00	19,010.00	31,193.00	12,183.00-	124,781.00
301 OFFICE SUPPLIES	712.78	2,495.73	11,515.00	9,019.27-	46,060.00
302 FACILITY MAINTENANCE SUPP	1,808.52	3,747.88	8,105.00	4,357.12-	32,420.00
303 EQUIPMENT MAINTENANCE SUP	2,482.23	7,463.31	13,040.00	5,576.69-	52,160.00
307 AG., CONSERVATION & HORT S	6,354.41	6,593.16	20,217.00	13,623.84-	80,868.00
308 OTHER SUPPLIES	414.44	797.90	2,375.00	1,577.10-	9,500.00
309 PRINTING & BINDING	147.45	326.90	2,125.00	1,798.10-	8,500.00
312 UNIFORMS & RELATED ITEMS	0.00	105.09	1,125.00	1,019.91-	4,500.00
401 COMMUNICATIONS	1,761.69	3,561.55	6,460.00	2,898.45-	25,840.00
402 RENTALS	70.00	215.00	4,250.00	4,035.00-	17,000.00
403 UTILITIES	1,540.98	3,228.22	7,125.00	3,896.78-	28,500.00
406 OUTSIDE SERVICES	1,051.29	1,307.61	12,875.00	11,567.39-	51,500.00
408 ADVERTISING & PUBLICITY	0.00	18.98	25.00	6.02-	100.00
410 DATA PROCESSING	362.91	362.91	250.00	112.91	1,000.00
501 EQUIPMENT	2,595.34	5,527.17	24,068.00	18,540.83-	96,273.00
DIVISION TOTAL	170,220.21	475,691.75	638,905.00	163,213.25-	2,555,655.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
6000 ENERGY & GEOLOGICAL RESOURCES					
101 PERSONAL SERVICES	178,941.27	546,139.77	590,196.00	44,056.23-	2,360,825.00
202 PERSONAL TRAVEL	9,193.71	17,027.84	21,775.00	4,747.16-	87,100.00
203 STATE VEHICLE OPERATION	1,375.85	2,829.31	7,200.00	4,370.69-	28,800.00
204 STATE VEHICLE DEPRECIATIO	2,295.00	4,590.00	6,825.00	2,235.00-	27,302.00
301 OFFICE SUPPLIES	471.12	4,338.85	1,199.00	3,139.85	4,800.00
302 FACILITY MAINTENANCE SUPP	12.98	164.87	0.00	164.87	0.00
303 EQUIPMENT MAINTENANCE SUP	1,331.15	1,375.38	9,525.00	8,149.62-	38,100.00
308 OTHER SUPPLIES	2,104.98	4,070.34	6,777.00	2,706.66-	27,110.00
309 PRINTING & BINDING	693.05	3,416.75	4,899.00	1,482.25-	19,599.00
401 COMMUNICATIONS	1,393.14	1,500.23	4,625.00	3,124.77-	18,500.00
402 RENTALS	350.00	700.00	600.00	100.00	2,400.00
403 UTILITIES	941.07	958.79	3,293.00	2,334.21-	13,175.00
405 PROF & SCIENTIFIC SERVICE	35,487.47	47,704.43	333,360.00	285,655.57-	1,333,440.00
406 OUTSIDE SERVICES	2,170.62	3,531.73	3,678.00	146.27-	14,716.00
410 DATA PROCESSING	2,243.01	2,491.76	2,725.00	233.24-	10,900.00
414 REIMBURSEMENTS TO OTHER A	80.00	80.00	26.00	54.00	105.00
501 EQUIPMENT	12,337.61	12,798.13	6,472.00	6,326.13	25,900.00
DIVISION TOTAL	251,422.03	653,718.18	1,003,175.00	349,456.82-	4,012,772.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
7000 ENVIRONMENTAL PROTECTION DIV.					
101 PERSONAL SERVICES	452,921.37	1,386,997.98	1,617,689.00	230,691.02-	6,470,799.00
202 PERSONAL TRAVEL	5,727.32	16,617.81	43,625.00	27,007.19-	174,500.00
203 STATE VEHICLE OPERATION	2,404.55	5,641.48	12,750.00	7,108.52-	51,000.00
204 STATE VEHICLE DEPRECIATIO	4,605.00	9,415.00	15,750.00	6,335.00-	63,000.00
301 OFFICE SUPPLIES	2,516.85	5,570.82	8,474.00	2,903.18-	33,900.00
302 FACILITY MAINTENANCE SUPP	116.99	161.64	500.00	338.36-	2,000.00
303 EQUIPMENT MAINTENANCE SUP	1,311.36	1,693.48	2,750.00	1,056.52-	11,000.00
308 OTHER SUPPLIES	1,701.68	2,693.05	6,886.00	4,192.95-	27,550.00
309 PRINTING & BINDING	21.25	306.60	3,062.00	2,755.40-	12,250.00
312 UNIFORMS & RELATED ITEMS	85.00	85.00	250.00	165.00-	1,000.00
401 COMMUNICATIONS	2,809.58	5,310.65	9,412.00	4,101.35-	37,650.00
402 RENTALS	4,312.63	10,781.59	11,750.00	968.41-	47,000.00
403 UTILITIES	757.63	1,741.53	3,536.00	1,794.47-	14,145.00
405 PROF & SCIENTIFIC SERVICE	2,407.63	3,640.63	138,525.00	134,884.37-	554,100.00
406 OUTSIDE SERVICES	1,856.95	11,283.57	11,162.00	121.57	44,650.00
408 ADVERTISING & PUBLICITY	163.78	549.31	1,050.00	500.69-	4,200.00
410 DATA PROCESSING	22,759.86	22,759.86	35,325.00	12,565.14-	141,300.00
501 EQUIPMENT	1,660.55	29,180.59	29,950.00	769.41-	119,800.00
DIVISION TOTAL	508,139.98	1,514,430.59	1,952,446.00	438,015.41-	7,809,844.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
8000 FISH AND WILDLIFE DIVISION					
101 PERSONAL SERVICES	826,655.26	2,582,536.93	2,730,722.00	148,185.07-	10,922,953.00
202 PERSONAL TRAVEL	27,574.56	58,933.76	90,556.00	31,622.24-	362,225.00
203 STATE VEHICLE OPERATION	33,433.85	64,562.92	127,155.00	62,592.08-	508,622.00
204 STATE VEHICLE DEPRECIATIO	53,585.00	106,730.00	158,387.00	51,657.00-	633,550.00
301 OFFICE SUPPLIES	43,087.72	51,921.56	44,576.00	7,345.56	178,314.00
302 FACILITY MAINTENANCE SUPP	25,014.76	49,085.13	87,353.00	38,267.87-	349,423.00
303 EQUIPMENT MAINTENANCE SUP	33,521.87	81,228.49	93,894.00	12,665.51-	375,578.00
307 AG. CONSERVATION & HORT S	23,130.08	67,313.16	80,884.00	13,570.84-	323,542.00
308 OTHER SUPPLIES	17,330.52	38,505.94	24,055.00	4,450.94	96,234.00
309 PRINTING & BINDING	36,657.05	38,418.61	35,468.00	2,950.61	141,876.00
312 UNIFORMS & RELATED ITEMS	2,635.92	5,283.80	15,411.00	10,127.20-	61,650.00
401 COMMUNICATIONS	9,063.56	25,504.78	40,857.00	15,352.22-	163,440.00
402 RENTALS	698.99	4,975.99	5,767.00	791.01-	23,075.00
403 UTILITIES	16,317.25	34,054.82	54,019.00	19,964.18-	216,076.00
405 PROF & SCIENTIFIC SERVICE	40,643.25	46,643.25	42,375.00	4,268.25	169,500.00
406 OUTSIDE SERVICES	9,499.87	23,880.36	36,263.00	12,382.64-	145,066.00
410 DATA PROCESSING	15,463.83	15,463.83	9,500.00	5,963.83	38,000.00
501 EQUIPMENT	10,610.86	41,718.44	53,629.00	11,910.56-	214,525.00
602 OTHER EXPENSES & OBLIGATI	0.00	600.00	150.00	450.00	600.00
701 LICENSES	0.00	25.00	42.00	17.00-	170.00
DIVISION TOTAL	1,224,924.20	3,327,386.77	3,731,063.00	403,676.23-	14,924,419.00

IOWA DEPARTMENT OF NATURAL RESOURCES
SUMMARY OF EXPENDITURES VS. YEAR-TO-DATE PLAN
AS OF 09/30/90

	TOTAL EXPENDITURES 09/01/90 - 09/30/90	TOTAL EXPENDITURES FY-TO-DATE	YEAR-TO-DATE PLAN	OVER/UNDER YEAR-TO-DATE PLAN	CURRENT ANNUAL BUDGET
9000 WASTE MANAGEMENT AUTHORITY					
101 PERSONAL SERVICES	33,907.86	101,754.43	119,209.00	17,454.57-	476,841.00
202 PERSONAL TRAVEL	1,052.65	5,752.86	13,000.00	7,247.14-	52,000.00
301 OFFICE SUPPLIES	171.03	2,478.58	4,375.00	1,896.42-	17,500.00
308 OTHER SUPPLIES	16,097.21	16,384.71	1,750.00	14,634.71	7,000.00
309 PRINTING & BINDING	5,986.00	7,923.00	8,875.00	952.00-	35,500.00
405 PROF & SCIENTIFIC SERVICE	1,184.42	4,368.04	13,750.00	9,381.96-	55,000.00
406 OUTSIDE SERVICES	51.00	1,659.52	3,550.00	1,890.48-	14,200.00
410 DATA PROCESSING	594.36	594.36	1,100.00	505.64-	4,400.00
501 EQUIPMENT	2,407.19	8,175.96	3,000.00	5,175.96	12,000.00
DIVISION TOTAL	61,451.72	149,091.46	168,609.00	19,517.54-	674,441.00

Mr. Kuhn gave an explanation of the report.

This was an informational item; no action was required.

MONTHLY REPORTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report
2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

(Reports are shown on the following 13 pages)

IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
RULEMAKING STATUS REPORT
October 1, 1990

PROPOSAL	NOTICE TO COMMISSION	NOTICE PUBLISHED	RULES REVIEW COMMITTEE	HEARING	SUMMARY OF COMMENTS & RECOMMENDATIONS TO COMMISSION	RULES ADOPTED	RULES PUBLISHED	RULE EFFECTIVE
1. Ch. 40, 41 & 43 - Water Supply Surface Water Filtration	5/21/90	6/13/90	7/10/90	7/09/90 7/10/90 7/11/90 7/12/90	*11/19/90	*11/19/90	*12/12/90	*1/16/91
2. Ch. 60 & 62 - Definitions, Federal Effluent and Pretreatment Standards	7/16/90	8/08/90	9/ /90	9/04/90	10/15/90	*10/15/90	*11/14/90	*12/19/90
3. Ch. 61 - Water Quality Standards - Human Health Criteria	6/18/90	7/11/90	8/14/90	8/01/90 8/02/90 8/07/90	10/15/90	*10/15/90	*11/14/90	*12/19/90
4. Ch. 61 - Phase II Water Body Use Designations	8/20/90	9/17/90	*10/ /90	*10/09/90 *10/10/90 *10/11/90	*11/19/90	*11/19/90	*12/12/90	*1/16/91
5. Ch. 63 - Effluent Monitoring Requirements	9/17/90	*10/17/90	*11/ /90	*11/07/90 *11/08/90 *11/13/90 *11/14/90	*12/17/90	*12/17/90	*1/09/91	*2/13/91
6. Ch. 70-75 - Flood Plain Development Permits	10/15/90	*11/14/90	*12/ /90	*12/06/90	*1/14/91	*1/14/91	*2/ /91	*3/ /91
7. Ch. 102 - Financial Assurance/Closure and Post-Closure	*11/19/90	*12/12/90	*1/ /91	*1/ /91	*2/ /91	*2/ /91	*3/ /91	*4/ /91
8. Ch. 109 - Landfill Alternative Grants	*11/19/90	*12/12/90	*1/ /91	*1/ /91	*2/ /91	*2/ /91	*3/ /91	*4/ /91
9. Ch. 121 - Land Application of Sludge	*11/19/90	*12/12/90	*1/ /91	*1/ /91	*2/ /91	*2/ /91	*3/ /91	*4/ /91
10. Ch. 133 - Groundwater Cleanup Guidelines	*11/19/90	*12/12/90	*1/ /91	*1/ /91	*2/ /91	*2/ /91	*3/ /91	*4/ /91
11. Ch. 135 - UST Technical Standards	10/15/90	*11/14/90	*12/ /	*12/04/90 *12/06/90 *12/07/90	*1/14/91	*1/14/91	*2/ /91	*3/ /91
12. Ch. 135 - UST Technical Standards (New Subrule 135.7(10))	10/15/90	*11/14/90	*12/ /	*12/04/90 *12/06/90 *12/07/90	*1/14/91	*1/14/91	*2/ /91	*3/ /91
13. Ch. 136 - Financial Responsibility for Underground Storage Tanks	10/15/90	*11/14/90	*12/ /	*12/04/90 *12/06/90 *12/07/90	*1/14/91	*1/14/91	*2/ /91	*3/ /91

*Projected

MONTHLY VARIANCE REPORT						
Month: September, 1990						
No.	Facility	Program	Engineer	Subject	Decision	Date
1.	Iowa Army Ammunition Plant-Des Moines County	Air Quality		Explosives	Denied	09/05/90
2.	Altanna Estates Subdivision-Johnson County	Wastewater Construction	MMS Consultants	Clarifier Depth	Approved	09/17/90
3.	Hancock County	Flood Plain	Calhoun-Burns Associates	Freeboard	Approved	09/21/90
4.	Tri/Mark Corporation	Wastewater Operations	Patti Elliot-Tri/Mark Corp.	Monitoring Frequency	Approved	09/21/90
5.	City of Breda	Watersupply Construction	Howard R. Green Co.	Construction Materials	Approved	09/17/90

During the period September 1, 1990 through September 30, 1990, reports of 70 hazardous conditions were forwarded to the Central Office. Two incidents are highlighted below. A general summary and count by field office is attached. These do not include releases from underground storage tanks, which are reported separately.

Date Reported and County	Description: Material, Amount, Date of Incident, Cause, Location, Impact	Responsible Party	Response and Corrective Actions
09/13/90 Adair	A 28,000 gallon above-ground storage tank was filled with 24,000 gallons of fertilizer on 9/12/90. A valve on the tank began leaking sometime during the night releasing 5,700 gallons of fertilizer. The fertilizer soaked into the soil and flowed into a nearby drainage ditch. Damage to aquatic life was local and minor.	Farmers Coop 601 SW Second St. Greenfield, Iowa 50849	Berms were constructed across the drainage ditch at three locations. Contaminated soil was overexcavated and land applied. The drainage ditch was flushed with water. The flush water was recovered and land applied.
09/23/90 Montgomery	The Red Oak Fire Dept. discovered on 9/23/90 that someone had opened a 55-gallon drum. The drum was located in an alley behind the store and 25 gallons of naphtha flowed from the alley into the street.	Barnes Painting 201 Reed Street Red Oak, Iowa 51566	The fire dept. soaked up the material with absorbant. They were instructed to contain the material until the responsible party could arrange for proper disposal of it.

NUMBERS IN PARENTHESES REPRESENT REPORTS FOR THE SAME PERIOD IN FISCAL YEAR 1989

[illegible]

Total # of
Incidents Per
Field Office
This Period

<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06</u>
07	12	04	06	22	19

REPORTS OF RELEASES FROM UNDERGROUND STORAGE TANKS

During the period of September 1, 1990 through September 30, 1990, the following number of releases from underground storage tanks were identified.

278 (55)

The number in parentheses represents the number of releases during the same period in Fiscal Year 1989.

Enforcement Report Update

The following new enforcement actions were taken last month:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Francis Shearn, Reinbeck (2)	Underground Tank	Remedial Action	Order	9/13/90
Dillavou Oil Company, Inc., Waverly (1)	Underground Tank	Remedial Action	Order	9/13/90
Jay Oehler d/b/a Oehler Bros. Oil Co, Moravia (5)	Underground Tank	Remedial Action	Order	9/13/90
Richard Carney d/b/a Carney Oil, Crystal Lake (2)	Underground Tank	Remedial Action	Order	9/13/90
Howard Hough d/b/a Hough's 66 Service; Tony Bakhit d/b/a Tony's Texaco, Council Bluffs (4)	Underground Tank	Remedial Action	Order	9/13/90
Jerry Byerly & Kenny Hiltz d/b/a B and H Services, Scranton (4)	Underground Tank	Remedial Action	Order	9/13/90
Mark Achenbach d/b/a Mark's Service Station, Rockford (2)	Underground Tank	Remedial Action	Order	9/13/90
Gailand Knudsen d/b/a Knudsen Service Station, Irwin (4)	Underground Tank	Remedial Action	Order	9/13/90
Westside General Store Corp., Vail (4)	Underground Tank	Remedial Action	Order	9/13/90
Everett Greve, Harlan (4)	Underground Tank	Remedial Action	Order	9/13/90
Winterset, City of (5)	Wastewater	Compliance Schedule	Amended Order	9/13/90
South Oaks Estates, Algona (2)	Drinking Water	Public Notice	Order/Penalty	9/13/90
Des Moines, City of (5)	Wastewater	Operational Violations	Referred to AG	9/18/90
Roger Carnicle d/b/a The New Shack Tavern, Cedar Rapids (1)	Drinking Water	Bacterial MCL	Referred to AG	9/18/90
Great Dane Fertilizer, Inc., Audubon (4)	Wastewater	Prohibited Discharge	Referred to AG	9/18/90
Dwight Brockhouse, Muscatine (6)	Solid Waste	Illegal Disposal	Referred to AG	9/18/90
Wayne, Ringgold and Decatur Co. SW Mgmt. Commission (5)	Solid Waste	Monitoring/Reporting	Referred to AG	9/18/90
Nora Springs, City of (2)	Wastewater	Construction Contrary to Permit	Order/Penalty	9/24/90
E.J. Rath, Inc. d/b/a Happy Chef, Missouri Valley (4)	Drinking Water	Monitoring/Reporting- Bacteria and Nitrate; Public Notice	Order/Penalty	9/24/90
Cedar Hills Apartments, Dubuque (1)	Drinking Water	Monitoring/Reporting- Inorganics	Order/Penalty	9/24/90
Douglas & Lomason Co., Red Oak (4)	Wastewater	Pretreatment	Order/Penalty	9/26/90
Great Plains Construction, Inc., Hardin Co. (2)	Wastewater	Prohibited Discharge	Order/Penalty	9/27/90

Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Grand Vu Mobile Home Park (Tripoli)	WS	200	7-25-90
Ruth Ann Coe (Mason City)	AQ/SW	800	7-30-90
Amoco Oil Company (Des Moines)	UT	1,000	8-15-90
*Gilbert John Fjone (Swaledale)	SW	200	9-22-90
Gerald G. Pregler (Dubuque Co.)	SW	1,000	9-02-90
Donald R. Null (Clinton Co.)	AQ/SW	1,000	9-06-90
St. Ansgar, City of	WW	400	9-30-90
Des Moines, City of	WW	1,000	10-02-90
Bankston Public Water System	WS	200	10-03-90
Vernon Heights Mobile Home Park (Cedar Rapids)	WS	200	10-03-90
Mt. Joy Mobile Home Park (Davenport)	WS	200	10-04-90
Taylor Oil Co., Inc. (Missouri Valley)	WS	215	10-13-90
Maysville Municipal Water Dept.	WS	200	10-17-90
Dexter, City of	WW	1,000	10-28-90
Gillett Grove Water Supply	WS	100	11-04-90
Castana Municipal Water Supply	WS	230	11-07-90
South Oaks Estates (Algona)	WS	100	11-18-90
Vincent Martinez d/b/a Martinez Sewer (Davenport)	HC	1,000	-----
HVX, Inc. d/b/a 4-Sons Handy Shop (Grimes)	WS	240	-----
Nora Springs, City of	WW	600	-----
E.J. Rath, Inc. d/b/a Happy Chef (Missouri Valley)	WS	650	-----
Cedar Hills Apartments (Dubuque)	WS	700	-----
Douglas & Lomason Co. (Red Oak)	WW	1,000	-----
Great Plains Pipeline Construction (Hardin Co.)	WW	400	-----

The following cases have been referred to the Attorney General:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
OK Lounge (Marion)	WS	448	11-01-87
Richard Davis (Albia)	SW	1,000	2-28-88
**Handi-Klasp, Inc. (Webster City)	WW/HC	1,000	8-02-88
McCabe's Supper Club (Burr Oak)	WS	335	12-14-88
Eagle Wrecking Co. (Pottawattamie Co.)	SW	300	5-07-89
*Twelve Mile House (Bernard)	WS	119	5-20-89
*Lawrence Payne (Ottumwa)	SW	425	6-19-89
Stan Moser (Hudson)	SW	250	6-27-89
Richard Kleindolph (Muscatine)	SW	200	8-17-89
Robert Fisch (Manchester)	AQ	600	9-01-89
William L. Bown (Marshalltown)	SW	1,000	10-01-89
Darlo Schaap (Sioux Center)	SW	600	1-14-90
Wellendorf Trust (Algona)	AQ/SW	460	2-12-90
Donald P. Ervin (Ft. Dodge)	SW	1,000	3-05-90
East Side Acres (Moville)	WS	200	12-26-89
East Side Acres (Moville)	WS	600	4-01-90
Craig Natvig (Cerro Gordo Co.)	SW	750	6-18-90

** Independent Attorney General Action

*On Payment Schedule

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
AMOCO Oil Co. (Des Moines)	UT	1,000
Iowa City Regency MHP	WW	1,000
Thomas E. Lennon (Barnum)	FP	700
Great Rivers Coop (Atavia)	HC	1,000
1st Iowa State Bank (Albia)	SW	1,000
Cloyd Poland (Decatur)	FP	800
City of Marcus	WS	1,000
Superior-Ideal, Inc. (Oskaloosa)	WW	1,000
IBP, inc. (Columbus Junction)	WW	600
King's Terrace Mobile Home Court (Ames)	WW	1,000
King's Terrace Mobile Home Court (Ames)	WS	315
Premium Standard Farms, Inc. (Boone Co.)	WW/AQ	700
Amoco Oil Co. (West Des Moines)	UT	1,000
Circle Hill Farms, Ltd. (Ellsworth)	SW	600
Cozy Cafe (Lucas)	WS	500
Stone City Iron & Metal Co. (Anamosa)	AQ	1,000
Manson Water Supply	WS	500
Joe Villinger (West Point)	SW	500
Midwest Mining, Inc. (Harrison Co.)	FP	800
Holiday Lake Water System Ltd. (Brooklyn)	WS	700
Rasch Construction, Inc. (Ft. Dodge)	AQ	1,000
Gerald Reimer (Clayton County)	SW	600
Louisa Courts (Muscatine)	WS	400
Orchard, City of	WW	1,000
Harcourt Water Supply	WS	500
Sioux City, City of	WW	1,000
Donald Ray Maasdam (Pocahontas Co.)	SW	1,000
Vern Starling (Boone Co.)	SW	1,000
Des Moines, City of	HC	1,000
Carl A. Burkhardt d/b/a American Wrecking Co.	AQ/SW	1,000
Van Dusen Airport Services (Des Moines)	HC	1,000
Troy Mills Dam Assn. (Troy Mills)	FP	300
Maple Crest Motel and MHP (Mason City)	WS	350
Geneva Grain & Lumber, Inc. (Franklin Co.)	WW/SW	1,000
Plymouth County Solid Waste Agency	SW	1,000
Trash Reduction Systems, Inc. (Polk Co.)	SW	1,000
Oak Manor Mobile Home Court (Ottumwa)	WS	200

The following administrative penalties were paid last month:

NAME/LOCATION	PROGRAM	AMOUNT
Winter Mobile Home Park (New Hampton)	WS	200
Knapp Mobile Home Court No. 4 (Dubuque)	WS	260
Meadow Gold Dairies (Des Moines)	WW	1,000
Charles and Susan Behr (Algona)	AQ	600
Lytton, City of	WW	300
Blanchard, City of	WS	100
Delaware Municipal Water Supply	WS	100
Richard Kleindolph (Muscatine) (Partial Pymt)	SW	300
*Gilbert John Fjone (Swaledale)	SW	50

TOTAL \$2,910

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Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
Aidex Corporation Council Bluffs (4)		Hazardous Waste	Release of Hazardous Substances	Referred to Attorney General	Referred EPA suit filed State intervention Motion to dismiss granted/denied Filed interlocutory appeal Decision in favor of govt. Case Management Hearing	12/16/82 2/26/87 3/05/87 2/26/88 3/11/88 4/04/89 8/08/90
Amoco Oil Company Des Moines/Ft. Madison (5&6)		Underground Tank	Remedial Action	Referred to Attorney General	Referred	8/21/90
William L. Bown Marshalltown (5)		Solid Waste	Open Dumping	Order/Penalty	Referred Petition Filed Default Judgment	11/20/89 3/03/90 7/27/90
Bozarth and Bell, Inc. Davenport (6)	Updated	Solid Waste	Open Dumping	Order	Referred Default Judgment \$7500. Second Lawsuit Filed Consent Decree Filed New Case Hearing Set Stipulation Filed (\$12,000) Permanent Injunction	2/20/87 6/22/87 8/07/88 8/23/88 11/01/88 8/16/90 8/16/90 9/07/90
Bridgestone/Firestone, Inc. Des Moines (5)		Wastewater Hazardous Condition	Prohibited Discharge Failure to Notify	Referred to Attorney General	Referred	5/21/90
Brockhouse, Dwight Muscatine (6)	New	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred	9/18/90
Carnicle, Roger d/b/a The New Shack Tavern Cedar Rapids (1)	New	Drinking Water	MCL - Bacteria	Referred to Attorney General	Referred	9/18/90
Carolyn, Don and Hanson Tire Service, Cresco (1)		Solid Waste Air Quality	Illegal Disposal Open Burning	Referred to Attorney General	Referred	2/20/90
Clear Lake Sanitary District (2)		Wastewater	Compliance Schedule	Referred to Attorney General	Referred Petition Filed	4/16/90 7/30/90
Cerro Gordo County Area Landfill Agency (2)	Updated	Solid Waste	Cover Violations	Referred to	Referred Petition Filed Answer Filed	4/16/90 6/25/90 8/13/90
Chalfant, Milo, et.al. Webster City (2)		Solid Waste	Open Dumping	Order/Penalty	Referred Suit Filed	9/20/89 8/08/90
Clinton Pallet Co. Clinton (6)		Solid Waste	Open Dumping	Referred to Attorney General	Referred Suit Filed Default Judgment	6/21/89 11/09/89 4/ / 90
Cooper, Kenneth/Hunter Oil Minburn (5)		Storage Tank	Spill Cleanup	Order	Cooper Referred Hunter Referred Site Assessment DNR Review Remediation Plan	8/17/88 2/01/90 4/20/90 8/22/90
Davis, Richard & Sonja (5)		Solid Waste	Open Unpermitted Dumping	Referred to Attorney General	Referred Suit Filed Default Judgement Filed Motion to Deny Default Motion Overruled	6/22/88 8/11/88 4/21/89 6/14/89 10/04/89
Jimmy Dean Meat Co., Inc. (5)		Wastewater	Pretreatment	Referred to Attorney General	Referred	4/16/90
Denham, Larry Ottumwa (6)		Solid Waste	Illegal Disposal	Referred to Attorney General	Referred	8/21/90
Des Moines, City of (5)	New	Wastewater	Operation Violations	Referred to Attorney General	Referred	9/18/90

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
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Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
Dexter Co., The Fairfield (6)		Wastewater	Prohibited Discharge Effluent Limit Discharge	Referred to Attorney General	Referred Petition Filed	3/20/90 7/31/90
Drewelow, Harvey d/b/a Hanson Tires New Hampton (1)		Air Quality Solid Waste	Open Burning Illegal Disposal	Referred to Attorney General	Referred	6/19/90
Drips, Joseph and Diana vs. DNR		Wastewater	Private Sewage Disposal	Defending	Suit Filed	8/06/90
Eagle Wrecking Co. Pottawattamie Co. (4)		Solid Waste	Open Dumping	Order/Penalty	Referred Bankruptcy Claim Filed	6/21/89 7/24/89
Ervin, Don Webster County (2)		Solid Waste	Operation Without Permit	Order/Penalty	Referred Motion for Summary Judgment Hearing Held Judgment for \$1,000	4/16/90 6/02/90 7/02/90 7/13/90
Fairfield, City of (6)		Wastewater	Monitoring/Reporting Discharge Limitations Operation Violation	Order	Referred Petition Filed	2/20/90 7/31/90
Fisch, Robert Manchester (1)		Air Quality	Open Burning	Order/Penalty	Referred Motion for Summary Judgment Judgment for \$600	10/24/89 12/05/89 2/27/90
Fjone, Gilbert Swaledale (2)		Solid Waste	Open Dumping	Order/Penalty	Referred Payment Schedule	10/24/89 6/ /90
Giametta, Dominic d/b/a Fred's 66, Davenport (6)		Underground Tank	Remedial Action	Order/Penalty	Referred Petition Filed	12/11/89 7/02/90
Great Dane Fertilizer, Inc. Audubon (4)	New	Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	9/18/90
Holnam Northwestern Cement Mason City (2)		Air Quality	Emission Standards	Referred to Attorney General	Referred	8/21/90
Humboldt Co. Landfill Commission (2)		Solid Waste	Cover Violations	Order/Penalty	Referred Petition Filed	11/20/89 8/30/90
Iowa Dress Club, Inc. Oskaloosa (5)		Wastewater Solid Waste	Prohibited Discharge Illegal Disposal	Referred to Attorney General	Referred	7/16/90
Jorgenson, Harris (2)	Updated	Air Quality	Operation Without Permit	Referred to Attorney General	Referred Consent Decree (\$4,000)	4/16/90 9/25/90
Kleindolph, Richard Muscatine (6)	Updated	Solid Waste	Open Dumping	Order/Penalty	Referred Petition Filed Default Judgment Partial Penalty Paid (\$300)	10/24/89 4/06/90 8/13/90 9/13/90
Kollbaum, Garry East Side Acres Merville (3)		Drinking Water	MCL-Nitrate	Order/Penalty	Referred Petition Filed	5/21/90 7/02/90
Lakeshore Drive, Inc. et.al. Osceola (5)		Flood Plain	Reconstruction	Order	Referred Petition Filed Judgment vs. Lakeshore	11/20/89 2/07/90 4/09/90
Larson, Daryl, D.V.M. Audubon (4)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	11/20/89
Mathern, Larry (Larry's DX) Ralph Beck; Walker Oil Co. (5)		Underground Tank	Remedial Action	Referred to Attorney General	Referred Petition Filed	2/20/90 7/02/90

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Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
Mike McGinnis, Alfred Patten and Dennis Lewis Pottawattamie Co. (4)		Solid Waste	Open Dumping	Referred to Attorney General	Referred Suit Filed	10/24/89 11/15/89
Mercy Hospital Medical Center Des Moines (5)		Solid Waste	Illegal Disposal	Referred to Attorney General	Referred	4/16/90
Miller Products Co. (5)		Wastewater	Pretreatment	Order/Penalty	Referred	4/16/90
Monfort, Inc. (5)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	12/11/89
Moser, Stan	Updated	Solid Waste	Open Dumping	Referred to Attorney General	Referred Petition Filed Trial Set Court Order Contempt Hearing Hearing Set	7/19/89 9/12/89 3/15/90 1/24/90 8/24/90 10/25/90
Natvig, Craig Mason City (2)		Solid Waste	Operation Without Permit	Order/Penalty	Referred	8/21/90
Osceola, City of (5)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	4/16/90
Pete's Sunoco/ Popejoy Septic West Des Moines		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	6/19/90
Pruess v. IDNR	Updated	Hazardous Condition	DNR Defendant	Abatement Order	Suit Filed Hearing DNR Motion to Dismiss Hearing Amended Petition DNR Motion to Dismiss Hearing Set Dismissed Appealed to Supreme Court	4/24/90 4/30/90 5/14/90 5/15/90 5/25/90 6/18/90 8/10/90 8/21/90 9/19/90
Root, William/LAWNKEEPERS Mitchell County (2)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	7/16/90
Sani-Wash Corporation Clinton (6)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	8/23/89
Schaap, Darlo Sioux Center (3)		Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed	2/20/90 6/21/90
Schultz, Albert and Iowa Iron Works Ely (1)		Solid Waste	Open Dumping	Referred to Attorney General	Referred Suit Filed	9/20/89 8/08/90
Sevig, Gordon, et.al. Walford (1)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred Criminal Charges Filed	9/20/89 7/15/90
Siouxland Quality Meat Co., Inc. Sioux City (3)		Wastewater	Discharge Limitations	Referred to Attorney General	Referred Petition Filed	2/20/90 7/02/90
Stickle Enterprises, Ltd. et.al., Cedar Rapids (6)		Air Quality	Open Burning	Referred to Attorney General	Referred Suit Filed Trial Set	9/20/89 10/17/89 10/16/90

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Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
Swea City Oil Co./Irene Fagerlund, Swea City (2)		Underground Tank	Remedial Action	Referred to Attorney General	Referred	8/21/90
Touchdown Co., et. al., Webster City (2)		Underground Tank	Prohibited Discharge Failure to Report Hazardous Condition	Referred to Attorney General	Referred	6/21/89
Wayne, Ringgold and Decatur Co. SW Management Commission (5)	New	Solid Waste	Monitoring/Reporting	Referred to Attorney General	Referred	9/18/90
Wellendorf Trust and Lamont Wellendorf, Algona (2)		Air Quality Solid Waste	Open Burning Illegal Disposal	Order/Penalty	Referred	3/20/90
Witt, John J. Long Grove (6)		Solid Waste	Illegal Disposal	Referred to Attorney General	Referred	8/21/90
Wright County Area Landfill Authority (2)		Solid Waste	Cover Violations	Order/Penalty	Referred Petition Filed	3/20/90 5/30/90

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-23-86	Oelwein Soil Service	Administrative Order	WW	Landa	Hearing continued.
12-03-86	Waukee, City of	Administrative Order	WS	Hansen	Construction completed.
5-12-87	Iowa City Regency MHP	Administrative Order	WW	Hansen	Hearing held 11-03-87.
6-11-87	Thomas Lennon	Administrative Order	FP	Clark	Appealed to District Court.
8-10-87	Great Rivers Co-op	Administrative Order	HC	Landa	Final report approved. Settlement proposed.
1-15-88	First Iowa State Bank	Administrative Order	SW	Kennedy	Awaiting decision.
2-04-88	Beaverdale Heights, Woodsman; Westwood Hills	Administrative Order	WS	Landa	Compliance actions completed.
2-05-88	Warren County Brenton Bank	Administrative Order	UT	Landa	Report reviewed. Additional work requested.
3-01-88	Cloyd Foland	Administrative Order	FP	Clark	Appealed to Supreme Court.
5-16-88	Marcus, City of	Administrative Order	WS	Landa	Compliance achieved. Settlement proposed.
7-01-88	Superior Ideal, Inc.	Administrative Order	WW	Hansen	Hearing continued/settlement discussions.

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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
7-25-88	Nishna Sanitary Services, Inc.	Permit Conditions	SW	Landa	Compliance initiated/plans submitted/reviewed.
8-03-88	Hardin County	Permit Conditions	SW	Landa	Compliance initiated/plans submitted/reviewed.
10-03-88	IBP, Columbus Junction	Administrative Order	WM	Clark	Final decision 9/17/90.
10-20-88	Worth Co. Co-Op Oil Northwood Cooperative Elevator Sunray Refining and Marketing Co.	Administrative Order	HC	Landa	Compliance initiated. Assessment report submitted.
12-02-88	Davis Co. Board of Supervisors	Administrative Order	AQ	Landa	Hearing continued.
1-25-89	Amoco Oil Co. - Des Moines	Administrative Order	UT	Landa	Settlement proposed. Clean-up progressing.
2-10-89	Northwestern States Portland Cement Company	Site Registry	HW	Landa	Settlement proposed.
2-10-89	Baier/Mansheim/Moyer	Site Registry	HW	Landa	Hearing continued. Settlement proposed.
2-13-89	King's Terrace Mobile Home Court	Administrative Order	WM	Murphy	Hearing rescheduled for 12/20/90.
2-13-89	King's Terrace Mobile Home Court	Administrative Order	WS	Murphy	Hearing rescheduled for 12/20/90.
2-16-89	John Deere Co. - Dubuque	Site Registry	HW	Landa	Proposed decision 8/30/90.
2-16-89	Premium Standard Farms	Administrative Order	WM/AQ	Murphy	Hearing continued.
3-14-89	Dannie R. Hoover and Bill Edwards	Flood Plain Permit Issuance	FP	Clark	Remand hearing 7/17&20/90.
5-01-89	Amoco Oil Co. - West Des Moines	Administrative Order	UT	Landa	Compliance initiated.
6-08-89	Shaver Road Investments	Site Registry	HW	Landa	Hearing continued. Discovery initiated.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	HW	Landa	Hearing continued. Discovery initiated.
6-08-89	Lehigh Portland Cement Co.	Site Registry	HW	Landa	Hearing continued. Discovery initiated.
6-08-89	Jay Winders	Permit Denial	FP	Clark	Settlement proposed.
6-12-89	Amana	Site Registry	HC	Landa	Negotiating before filing.
6-19-89	Grand Mound, City of	Administrative Order	WM	Hansen	Order to be amended.
6-22-89	Chicago & Northwestern Transportation Co. Hawkeye Land Co. Blue Chip Enterprises	Administrative Order	HC	Landa	Hearing held. Briefs filed. Reply briefs filed.

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
OCTOBER 1, 1990

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
7-11-89	Circle Hill Farms, Ltd.	Administrative Order	SW	Kennedy	Settlement pending.
7-26-89	Cozy Cafe	Administrative Order	WS	Hansen	Const. permit applic. under review by WS.
7-26-89	Midland Brick	Administrative Order	AQ	Landa	Compliance initiated.
9-01-89	Stone City Iron & Metal	Administrative Order Permit Denial	AQ	Kennedy	Temporary permit issued 5/31/90.
10-12-89	Electro-Coatings, Inc.	Administrative Order	HC	Landa	Settlement proposed.
10-24-89	Farmers Cooperative Elevator Association of Sheldon	Site Registry	HC	Landa	Negotiation proceeding.
10-24-89	Consumers Cooperative Assoc.	Site Registry	HC	Landa	Negotiation proceeding.
11-03-89	Bridgestone/Firestone, Inc.	Site Registry	HC	Landa	Hearing continued pending negotiations.
11-17-89	Aten Services, Inc.	Administrative Order	SW/UT	Landa	Compliance initiated.
12-11-89	Leo Schachtner	Permit Issuance	FP	Clark	Hearing continued.
12-21-89	Robert Coppinger and Velma Nehman	Flood Plain Permit Denial	FP	Clark	Proposed decision 5/17/90. Appealed.
1-02-90	Midwest Mining, Inc.	Administrative Order	FP	Clark	Negotiating before filing.
1-04-90	Joe Villinger	Administrative Order	SW	Kennedy	Negotiating before filing.
1-08-90	Northwestern States Portland Cement Co.	Permit Amendment	WW	Landa	Negotiating before filing.
1-18-90	Midwest Fly Ash and Materials	Permit Variance Denial	SW	Landa	Hearing rescheduled for 10/1/90.
2-07-90	Jerry Jones	401 Denial	WW	Murphy	Hearing held; briefs due 10/16/90.
2-13-90	Kenneth M. Rasch d/b/a Rasch Construction, Inc.	Administrative Order	AQ	Kennedy	Negotiating before filing.

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
OCTOBER 1, 1990

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
2-15-90	Holiday Lake Water System, Ltd.	Administrative Order	WS	Hansen	Submittal by facility under review by WS.
3-05-90	Gerald Reimer	Administrative Order	SW	Kennedy	Negotiating before filing.
3-12-90	Louisa Courts	Administrative Order	WS	Hansen	Proposed decision 7/13/90. Appealed to EPC.
3-20-90	Kaneb Pipeline Co.	Administrative Order	HC	Landa	Hearing rescheduled for 12/11/90.
3-22-90	Vern Starling	Administrative Order	SW	Kennedy	Hearing continued until 10/16/90.
3-26-90	Loretta June Novak and Mr. and Mrs. Robert Booth, Jr.	Administrative Order	UT	Landa	Decision rendered 9/17/90.
3-27-90	Orchard, City of	Administrative Order	WW	Hansen	Negotiating before filing.
4-18-90	Harcourt, City of	Administrative Order	WS	Hansen	Proposed decision issued 8/30/90.
4-23-90	Sioux City, City of	Administrative Order	WW	Hansen	Informal meeting held on 5/18/90.
4-26-90	Donald Ray Maassdam	Administrative Order	SW	Kennedy	Appealed to EPC 10/16/90.
5-07-90	W.G. Block Co./Hoffman Silo Site	Site Registry	HW	Landa	Hearing continued. Negotiating.
5-08-90	Texaco Inc./Chemplex Company Site	Site Registry	HW	Landa	Hearing set for 8/13/90.
5-09-90	Raccoon Valley State Bank	Administrative Order	HC	Landa	Hearing continued. Negotiating.
5-09-90	Square D Company	Site Registry	HW	Landa	Hearing continued. Negotiating.
5-09-90	Joe & Virginia Koester/ Donn & Donna Patience	Water Use Permit	WR	Clark	Hearing rescheduled for 11/20/90.
5-11-90	Carl A. Burkhardt	Administrative Order	AQ/SW	Kennedy	Briefs due 10/5/90.
5-14-90	Van Dusen Airport Services	Administrative Order	HC	Landa	Compliance initiated.
5-15-90	Des Moines, City of	Administrative Order	HC	Landa	Hearing continued. Settlement proposed.
5-18-90	Latimer, City of	Open Burning Variance	AQ	Landa	Informal procedures initiated.
5-23-90	Solvay Animal Health, Inc.	NPDES Permit Cond.	WW	Hansen	Hearing rescheduled for 11/2/90.
6-06-90	Geneva Grain & Lumber, Inc.	Administrative Order	WW/SW	Kennedy	Negotiating before filing.
6-11-90	Troy Mills Dam Assoc.	Administrative Order	FP	Clark	Negotiating before filing.

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
OCTOBER 1, 1990

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
6-14-90	Willow Tree Investments, Inc.	Administrative Order	UT	Landa	Negotiating before filing.
6-18-90	Sioux City, City of	NPDES Permit Cond.	WW	Hansen	Negotiating before filing.
6-18-90	Ames, City of	NPDES Permit Cond.	WW	Hansen	Hearing set for 10/23/90.
6-20-90	Des Moines, City of	NPDES Permit Cond.	WW	Hansen	Informal meeting set for 8/8/90.
6-26-90	Maple Crest Motel and Mobile Home Park	Administrative Order	WS	Hansen	Negotiating settlement.
7-02-90	Keokuk Savings Bank and Trust Keokuk Coal Gas Site	Site Registry	HW	Landa	Hearing set for 12/18/90.
7-11-90	Chicago & Northwestern Co.; Steve L. Carroll; Susan E. Carroll; and Tracy A. Carroll	Administrative Order	NR	Kennedy	Hearing set for 11/26/90.
7-23-90	IBP, Dakota City	Administrative Order	WW	Hansen	Negotiating settlement.
7-25-90	Thomas and Arlene Griffin	Water Use Permit	WR	Clark	Hearing set for 11/28/90.
7-26-90	Plymouth County SW Agency	Administrative Order	SW	Kennedy	Negotiating before filing.
7-30-90	Key City Coal Gas Site; Murphy Trust & Howard Pixler	Site Registry	HW	Landa	Hearing set for 12/18/90.
8-01-90	J.I. Case Company	Site Registry	HW	Landa	Sent to DIA.
8-02-90	Trash Reduction Systems, Inc.	Administrative Order	SW	Kennedy	Hearing set for 11/1/90.
8-06-90	Lake Manawa Nissan, Inc.	Administrative Order	UT	Landa	Compliance initiated.
9-06-90	Wilbur Numelin d/b/a Lakeview Enterprises; Carl Hankenson	Administrative Order	UT	Landa	Sent to DIA.
9-10-90	IBP, inc. Columbus Junction	Administrative Order NPDES Permit	WW	Hansen	Sent to DIA.
9-12-90	Oak Park Manor MHP	Administrative Order	WS	Kennedy	Sent to DIA.
9-12-90	Michael & Joyce Haws; George H. Gronau	Administrative Order	UT	Landa	Sent to DIA.

Mr. Stokes gave a brief explanation of the reports.

Discussion followed.

This was an informational item; no action was required.

STATE REVOLVING FUND INTENDED USE PLAN

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Department is preparing for the third year of the state revolving fund for wastewater treatment construction assistance. The state revolving fund provides for loans to municipalities according to DNR rules (567--92). This program replaced the EPA construction grant program. Federal grants are made to the state to capitalize the fund. A state match is also required and is provided by a state bond issue according to enabling legislation. Each year the state must apply for the federal grant to put into the fund. Part of the application is an Intended Use Plan which describes how the state intends to use the fund including the list of projects to be assisted. EPA requires opportunity for public input on this plan. Therefore it must be prepared in advance of the application and a public hearing scheduled. The department has drafted a plan which includes all loan applications received to date and is based on assumed federal appropriations for the SRF program. The draft plan will be provided to the Commission for information. The projected schedule is to request Commission approval in November to hold a hearing on the plan and to apply for the federal grant and sell bonds early in 1991.

(Intended Use Plan is shown on the following 14 pages)

**PROPOSED
STATE REVOLVING FUND INTENDED USE PLAN
FOR THE STATE OF IOWA
FISCAL YEAR 1991**

Submitted to the
U.S. Environmental Protection Agency
Region 7

By the
Iowa Department of Natural Resources

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I. INTRODUCTION

The State of Iowa herewith submits its Intended Use Plan (IUP) for all funds available in the State Revolving Fund (SRF) during Fiscal Year (FY) 1991. This plan is based on receiving a capitalization grant from the FY 1991 Title VI funds appropriated by the U.S. Congress for the Iowa State Revolving Fund. In addition, the FY 1990 SRF will include the State's required 20% match for this grant. These funds will be added to the SRF funds provided in FY 1989 and 1990.

II. SRF FUNDS

This Intended Use Plan is based upon federal funds anticipated to become available for FY 1991 by Congressional appropriation. The Clean Water Act authorized program funding at \$1.2 billion nationally for each of 1989 and 1990. The FY 1991 authorization was \$2.4 billion. Until an appropriation is made for FY 1991 and an allotment designated for Iowa, the Intended Use Plan will project an allotment for FY 1991 relative to the FY 1990 actual allotment in the same ratio of the national authorizations by the Clean Water Act. This projection shows a potential capitalization grant of \$26,408,844 available to Iowa in FY 1991. The 20% state match of \$5,281,769 could provide an addition of \$31,690,631 to the SRF for FY 1991.

Whether the state requests the full capitalization grant and provides the relative state matching funds may depend on the demand and number of loan applications.

III. LIST OF PROJECTS

The management of the state's revolving fund loan program including the development of a priority list of projects for loan assistance has been proposed according to DNR rules 567--92 (455B). With added FY 1991 funds along with the \$15.85 million FY 1990 funds, it is Iowa's intention to assist twelve new projects in addition to the fifteen remaining projects identified on the FY 1990 IUP as well as fund the administration of the SRF program. There is no intention to fund (Section 319) nonpoint source projects or (Section 320) estuarine projects in FY 1991 as permitted by Title VI of the Clean Water Act. No projects for municipalities which appear on the National Municipal Policy (NMP) List have been placed on the Loan List for proposed loan assistance to meet "first use" requirements of the Clean Water Act. Projects identified for assistance in the FY 1990 IUP are shown in Chart 1 Part 1.

The total loan needs of all applications submitted by the July 1, 1990 deadline in DNR rules did not exceed the revolving fund that could be provided by the actual FY 1991 allotment of federal funds. Therefore, all applications submitted by July 1, 1990 were listed as proposed loan recipients on Chart 1 Part 2. Applications received after July 1, 1990, through the date of the public hearing on this Intended Use Plan were also considered for inclusion on the list of recipients for FY 1991 loan assistance. These applicants are listed on Chart 1 Part 2 in priority order following those applications received by July 1,

1990. All applicants will be offered loan assistance subject to meeting program requirements.

The state expects to apply for a capitalization grant for the entire allotment. Initially, EPA would provide a letter of credit for the identified needs shown in Chart 1. Should the capitalization grant allow for additional projects to be identified and funded in the future, the state will consider providing the necessary matching funds to allow such assistance. EPA would then increase the letter of credit as necessary.

Based on the environmental reviews that have been conducted on the proposed Section 212 projects to date, it is not anticipated that any of these projects will need to undergo development of an Environmental Impact Statement (EIS).

Priority Projects

The Clean Water Act requires that the capitalization grant and the state match funds are first to be used to assure maintenance of progress toward compliance with enforceable deadlines, goals and requirements of the Act, including the municipal compliance deadline. EPA has determined that this first-use has been met when all municipalities on the NMP list are in compliance, on an enforceable schedule, have an enforcement action filed, or have a funding commitment by the end of the year covered by the IUP. This is a onetime determination.

An analysis made of Iowa's NMP municipalities in FY 1989 determined that all have met one of the above criteria. Therefore, Iowa assures maintenance of progress toward compliance with enforceable deadlines, goals, and requirements of the Clean Water Act as expected by Title VI.

To determine which wastewater treatment facility projects should be funded by the SRF, the FY 1991 Project Priority List (PPL) prepared under state rule was reviewed, and the highest priority projects expected to be able to take advantage of SRF funds within the time frame allowed by state rule IAC 567--92 for FY 1991 were identified (see Chart 1, Parts 1 and 2). There are twelve projects identified for loan assistance for FY 1991, in addition to five projects funded with FY 1989 funds and fifteen identified for FY 1990. These projects appear on Chart 1 by fiscal year in the order of their ranking as described above on the priority list. No nonpoint source projects (Section 319) or estuarine projects (Section 320) have been proposed for funding from the SRF.

In the event that projects identified for funding in the IUP do not attain readiness for a loan commitment by August 31, 1991, these delayed projects may be bypassed. Other projects may be added to a contingency list (Chart 2) to be funded based on the state's implementing rules for the SRF program (see IAC 567-92). Consideration of the by-pass projects will occur in August of 1991 by the Department of Natural Resources.

This IUP may be amended as allowed by DNR rules and Section VII of this plan. Because applications received total less than what may be available for Iowa's SRF, the state may consider adding projects to the FY 1991 list (Chart 1 Part 2), should applications be received. Should insufficient funds be available in the SRF to fund all projects listed in Chart 1, projects will be removed from the bottom of the list as necessary and placed on the Contingency List.

Funds reserved for administration costs of the SRF program are shown in Chart 1, Part 3. A reserve for water quality management planning as required by Title VI of the Clean Water Act will be set aside from Iowa's FY 1991 Title VI allotment and granted to the state for this purpose separately from the SRF. This reserve does not appear in this IUP.

IV. LONG-TERM AND SHORT-TERM GOAL STATEMENTS

A. Long-Term Goals

1. Protect the environment, and public health and welfare by ensuring state water quality standards are achieved and maintained; and that waters of the state are not degraded by improperly or inadequately treated municipal wastewaters, or nonpoint pollution sources.
2. Establish a perpetual program to provide financial assistance to communities for the purpose of constructing facilities to properly and adequately treat municipal wastewaters, or abate and control nonpoint pollution sources.
3. Provide a financial assistance program, in the form of loans, which are competitive with private financing options available to communities while assuring the perpetual nature of the program.
4. Allocate financial assistance in a priority manner based upon water quality impacts of the proposed projects.
5. Establish program requirements which are simple, understandable, applicable to all projects, and to the fullest extent possible are not burdensome to the recipients of assistance.
6. Establish mechanisms for funding the on-going administration of the program once federal funding stops.

B. Short-term Goals (to be implemented in FY 1991)

1. Administer the State Revolving Loan Program consistent with federal statute, regulation and guidance; and in accordance with state law and promulgated rules.
2. Commit loan funds to fully fund as many communities as possible in accordance with the state priority rating system, this

Intended Use Plan, and available funding in order to assist in the construction of the highest water quality impact projects.

3. Commit 120% of federal capitalization grant funding available this federal fiscal year.
4. Provide state funds through bonding in the amount required to provide the 20% match for available federal allotments in FY 1991.

V. INFORMATION ON THE SRF ACTIVITIES TO BE SUPPORTED

A. Allocation of Funds

Allocation of funds to eligible projects was based on a three-step process:

The amount of financial assistance needed for each application was estimated;

The sources and spending limits for all FY 1991 SRF funds were identified; and

The SRF funds were allocated among the projects, consistent with the amount available and the financial assistance needed.

Information pertinent to each SRF project is contained in Chart 1, pursuant to Section 606(c)(3) of the CWA.

B. SRF Policies

Loan Interest Rate

The interest rate for all loans made from the SRF in FY 1991 will be determined in accordance with state rules and based upon the State's costs for generating required matching funds via bonding (see IAC 567--92.11). Interest rates for projects identified for different fiscal years may vary.

C. Administrative Costs of the SRF

Iowa intends to use SRF funds equivalent to 4% of the Federal capitalization grant funds to pay the costs of administering the State Revolving Fund loan program. Based on the estimated allotment to Iowa from the estimated FY 1991 Title VI appropriation, the State could have \$1,056,354 available from the FY 1991 capitalization grant for administrative support in managing and operating the SRF program. However, only \$405,000 is shown on Chart 1, Part 3 and Chart 3 based on the portion of the available capitalization grant needed for loan applications received to date. A commitment of \$510,626 from FY 1989 funds and \$528,177 from FY 1990 funds has already been made.

The annual budget for program administration may be less than the 4% allowed by the Clean Water Act for administrative costs. Unused commitments will be reserved for use in later years as necessary.

VI. ASSURANCES AND SPECIFIC PROPOSALS

Iowa will provide the necessary assurances and certifications as part of an Operating Agreement between the State of Iowa and the U.S. EPA. Iowa's Operating Agreement includes the requirements of the following sections of the law:

- ° 602(a) - Environmental Reviews
The State of Iowa will conduct environmental reviews as specified in the Project Review Procedures attached to the Operating Agreement.
- ° 602(b)(3) - Binding Commitments
The State of Iowa will enter into binding commitments for 120% of each quarterly payment within 1 year of receipt of that payment.
- ° 602(b)(4) - Expeditious and Timely Expenditures
The State of Iowa will expend all funds in the SRF in a timely and expeditious manner.
- ° 602(b)(5) - First Use for Enforceable Requirements
The State of Iowa will assure maintenance of progress toward enforceable deadlines, goals and requirements of the CWA, including the municipal compliance deadline. Maintenance of progress is defined in EPA guidance for the SRF program.
- ° 602(b)(6) - Compliance with Title II Requirements
The State of Iowa agrees to meet the specific statutory requirements for public owned wastewater projects constructed in whole or in part before FY 1995 with funds directly made available by Federal capitalization grants.

Iowa will meet equivalency requirements using Title II procedures, as included in the State's Construction Grant Delegation Agreement with EPA. State rules require that all Section 212 projects funded under Title VI of the Clean Water Act will meet the Title II requirements specified in Title VI.

VII. CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS

The following approach was used to develop Iowa's proposed distribution of SRF funds: (1) analysis of the priority communities and financial assistance needed; (2) identification of the sources and spending limits of available funds; (3) allocation of funds among projects; (4) development of a payment schedule which will provide for making timely binding commitments to the projects selected for SRF assistance; and (5) development of a disbursement schedule to pay the project costs as incurred.

A. Priority of Communities and Financial Assistance Needed

Iowa law provides only for loan assistance. The state's SRF rules identify the priority rating system used to establish priorities for loan assistance.

Projects were considered only for loan financing assistance for project costs incurred after a loan commitment. Refinancing is not being considered in FY 1991. Refinancing in the context of the SRF program is considered to be providing loan assistance to projects or portions of projects which have already incurred costs at the time of the loan agreement.

B. Allocation of Funds Among Projects

Once the total amount of funds and spending limits were identified, Chart 3 was prepared showing the amount needed by quarter to meet the binding commitment of each project. These amounts were summarized by quarter and the totals are shown at the bottom of the columns.

Since it was not necessary to provide loan funding to any project to meet the federal "first use" requirement, all projects listed in Chart 1 may be funded from the SRF.

All projects scheduled for funding with Iowa's SRF will be reviewed for consistency with appropriate plans developed under sections 205(j), 208, 303(e), 319 and 320 of the Clean Water Act, as amended. Evidence of this review and finding of consistency will be documented in each SRF project file. Should a project fail to meet this review criteria it may be bypassed as allowed by State rules. Chart 2 provides for contingency projects which may be considered for loan assistance as bypass projects according to state rules without formal amendment of this intended use plan. Projects may be added to Chart 2 in priority order as applications are received.

VIII. METHOD OF AMENDMENT OF THE INTENDED USE PLAN

This intended use plan will be followed by the State in administering SRF funds in FY 1991. Public participation in the development of the IUP is required by EPA. Any revisions of the goals, policies and method of distribution of funds, including the list of loan projects, must be addressed by a revision of the IUP including opportunity for public participation. Minor adjustments in funding schedules, loan amounts and use of bypass provisions including funding of projects on the contingency list are allowed by the procedures of this IUP and state rules for administration of the SRF without public notification.

IX. PUBLIC REVIEW AND COMMENT
(Reserved)

Chart 1: FY 91 Intended Use Plan Project - Specific Information

Chart 1 Part 1: FY 90 Section 212 Publicly Owned Treatment Works (POTW) Projects

Project Name Community Served	Project Number	Discharge Requirements			Need Categories	Assistant Amount (\$1000)	Binding Commitment Date	Construction Start Date	Initiate Operation Date
		BOD	TSS	Other					
Des Moines ICA	192001-02	25	30	5.5 NH ₃	IVB	9190	10/90	7/90	7/91
Oskaloosa	192007-02	25	30	8.0 NH ₃	II	189	10/90	10/90	10/91
Perry	192008-01	25	30		I	589	10/90	2/91	9/90
Adel	192009-01	25	30		IVB	594	10/90	11/91	11/90
Dows	192010-01	25	30		I	295	10/90	8/90	12/90
Martensdale	192011-01	25	30		I	240	10/90	8/90	10/90
Preston	192012-01	25	30		IVB,I	490	10/90	10/90	5/91
VanMeter	192013-01	25	30		IVB,I	403	10/90	9/90	12/90
Brandon	192014-01	25	30		II	122	10/90	10/90	7/91
Stanwood	192015-01	25	30		II	294	10/90	10/90	8/91
Carlisle	192016-01	25	30		II	901	1/90	1-91	1/92
Independence	192017-01	25	30		IVB	964	10/90	11/91	9/91
LeGrand	192018-01	25	30		I	450	10/90	11/90	11/91
Grand Mound	192019-01	25	30		I	260	10/90	11/90	11/91
Camanche	192020-01	25	30		I	336	9/90	8/90	8/91

Part 1 Total: 15,317

Chart 1 Part 2: FY 91 Section 212 Publicly Owned Treatment Works (POTW) Projects

Project Name Community Served	Project Number	Discharge Requirements			Need Categories	Assistant Amount (\$1000)	Binding Commitment Date	Construction Start Date	Initiate Operation Date
		BOD	TSS	Other					
Indianola	192021-01	25	30		I, IVB	1103	5/91	5/91	5/92
Mason City	192022-01	25	30		II	3100	6/91	10/91	10/92
Independence	192017-02	25	30		IVB	372	6/91	5/91	3/92
New Hampton	192023-01	25	30		I	1142	6/91	6/91	12/91
Kanawha	192024-01	25	80		I	232	6/91	5/91	3/92
Nora Springs	192025-01	25	30		I	100	6/91	8/91	3/92
Marengo	192026-01	25	80		I	360	6/91	10/91	6/92
Stratford	192027-01	25	80		I, IVB	778	6/91	5/91	12/91
Central City	192028-01	25	30		I	670	6/91	5/91	5/92
Orchard	192029-01	25	80		I	265	6/91	7/91	12/91
Coralville	192030-01	25	30		I	3500	6/91	10/91	10/92
Agency	192031-01	25	30		I	110	6/91	4/91	6/92

Part 2 Total: 11,732

Chart 1 Part 3: Section 603(d)(7) Program Administration

Project Name Community Served	Project Number	Discharge Requirements			Need Categories	Assistant Amount (\$1000)	Binding Commitment Date	Construction Start Date	Initiate Operation Date
		BOD	TSS	Other					
PGM-ADM (89)		NA	NA	NA	NA	349	5/89	NA	NA
PGM-ADM (90)		NA	NA	NA	NA	528	6/90	NA	NA
PGM-ADM (91)		NA	NA	NA	NA	405	5/91	NA	NA

Part 3 Total: 1282

FY GRAND TOTAL: 28331

Key to Need Categories

- I. Secondary Treatment
- II. Treatment more stringent than secondary
- IIIA. Infiltration/Inflow correction
- IIIB. Major sewer system rehabilitation
- IVA. New collectors and appurtenances
- IVB. New interceptors and appurtenances
- V. Correction of combined sewers

Chart 2: FY90 Intended Use Plan Contingency Projects - Specific Information

Project Name Community Served	Project Number	Discharge Requirements			Need Categories	Assistant Amount (\$1000)	Binding Commitment Date	Construction Start Date	Initiate Operation Date
		BOD	TSS	Other					

Key to Need Categories

- I. Secondary Treatment
- II. Treatment more stringent than secondary
- IIIA. Infiltration/Inflow correction
- IIIB. Major sewer system rehabilitation
- IVA. New collectors and appurtenances
- IVB. New interceptors and appurtenances
- V. Correction of combined sewers

Chart 3: Loan List - Projected Binding Commitments by Quarter

Project Name: Community Serve	Project Number	Prior Year	BINDING COMMITMENT							
			Fiscal Year 1991				Fiscal Year 1992			
			QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
FY90 - Section 212 POTW Projects										
Des Moines ICA	192001-02		9190							
Oskaloosa	192007-02		189							
Perry	192008-01		589							
Adel	192009-01		594							
Dows	192010-01		295							
Martensdale	192011-01		240							
Preston	192012-01		490							
VanMeter	192013-01		403							
Brandon	192014-01		122							
Stanwood	192015-01		294							
Carlisle	192016-01		901							
Independence	192017-01		964							
LeGrand	192018-01		450							
Grand Mound	192019-01		260							
Camanche	192020-01		336							

continue next page

Chart 3 (continued)

Project Name: Community Serve	Project Number	BINDING COMMITMENT									
		Prior Year	Fiscal Year 1991				Fiscal Year 1992				
			QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	
FY91 - Section 212 POTW Projects											
Agency	192021-01				110						
Coralville	192022-01				3500						
Central City	192017-02				670						
Independence	192023-01				372						
Indianola	192024-01				1103						
Kanawha	192025-01				232						
Marengo	192026-01				360						
Mason City	192027-01				3100						
New Hampton	192028-01				1142						
Nora Springs	192029-01				100						
Orchard	192030-01				265						
Stratford	192031-01				778						
PGM - ADM (FY89)		349									
PGM - ADM (FY90)		528									
PGM - ADM (FY91)				405							
TOTALS		877	15317	405	11732	0		0	0	0	0
CUMULATIVE TOTALS		877	16144	16599	28331	28331		28331	28331	28331	
FY TOTALS		877				27454					0

Mr. Stokes gave a detailed explanation of the plan.

This was an informational item; no action was required.

CONSTRUCTION GRANT PRIORITY LIST - FY 91, APPROVAL

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department recommends that the Commission approve the attached list as the Construction Grants Priority List for Fiscal Year 1991. This list was developed by authority of DNR rule 567--91. EPA requires opportunity for public input on each annual priority list. In August the Commission authorized a public hearing and one was held on September 26, 1990. No one attended the hearing and no comments were received.

Since Fiscal Year 1990 was the last year of authorized funding for the construction grant program, the proposed list showed only those projects listed as fundable in Fiscal Year 1990 and not yet funded as being the 1991 fundable projects. These projects are currently under review and grants are expected in coming weeks. However listing them on the 1991 fundable list will allow them to receive their grant in fiscal 1991 if they are delayed. The 1990 funds are available through fiscal 1991.

(Priority list is shown on the following 9 pages)

PROPOSED

STATE OF IOWA

IOWA DEPARTMENT OF NATURAL RESOURCES

FISCAL YEAR 1991

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

July 27, 1990

FY 1991

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

CONSTRUCTION GRANTS FUNDING SUMMARY

		ESTIMATED EPA GRANT ASSISTANCE ***
STEP	PROJECT	FY 1991
3	Des Moines ICA (segmented)	3,351,070
3	Ames	
4	Iowa Falls	871,200
4	Winterset	1,287,000
4	Laurel */**	843,090
FISCAL YEAR FUNDING ESTIMATE		<u>\$ 6,352,360</u>

PROJECT STEP KEY

3 Construction

4 Combination grant for design and construction. Available only when the grant amount is less than \$3 million, the project has not been segmented, and the population is under 25,000.

* Unsewered community

** Small community-alternative technology

*** Grant amount shown is the basic 55% (or 75%) grant. A project may also qualify for innovative/alternative bonus funding.

A: FY90.C/pg

FY 1991 SUMMARY OF FUNDS

I. Estimated EPA Assistance Required				
A. Estimated assistance for projects				\$ 6,352,360
B. Designated reserve for grant increases				3,925,431
C. Reserve for grant increases for alternative technology	FY 1990	\$ 437,618		437,618
D. Reserve for grant increases for innovative technology	FY 1989	\$ 217,925		
	FY 1990	\$ 292,002		509,927
E. Reserve for state management assistance 205(g)	FY 1989	\$ 657,648		
	FY 1990	\$ 657,648		1,315,296
F. Reserve for water quality management 205(j)(1)	FY 1989	\$ 126,298		
	FY 1990	\$ 129,779		256,077
G. Reserve for non-point source management 205(j)(5)	FY 1989	\$ 71,298		
	FY 1990	\$ 129,779		201,077
H. Reserve for advances of allowances (no need projected FY 1990)				
Total grant needs				\$12,997,786
II. FY 90 Non-additive Set-Aside Reserve Funds				
A. FY 1990 reserve for alternative systems for small communities			\$ 519,116	
B. FY 1990 quota for unsewered communities			\$ 648,895	
III. Available Funds				
A. Prior Years Carryover (7/01/90)				\$1,143,138
B. Pending Recoveries (7/01/90)				3,135,011
C. FY 1989 Allotment Balance (4/15/90)				1,506,458
D. FY 1990 Allotment Balance (4/15/90)				7,213,179
				\$12,997,786

A:FY90.C/pg

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa
EPA Region: 07

Page 1 of 6

Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sm Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
008C 650.24	City of Ankeny Polk County 211 SW Walnut Ankeny IA 50021	IA7709001 MULTIPLES	C190709 10	C190790 11	3 C	P 900831	T Phase 3			3,233,400	2,425,050	I 3,233,400	AY
0085 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 64	3 C	P 900831	I Westside Phase 5 Seg 1			1,234,700	926,020	IVB 1,234,700	AY
0165 708.98	City of Ames Story County 621 Main Street Ames IA 50010	IA8503001 190023001	C190736 01	C190736 04 Amend 5	3 C	P 900831	T		3,605,000 3,164,000				AY
0210 190.88	City of Iowa Falls Hardin County 315 Stevens Street Iowa Falls IA 50126	IA4260001 190410001	C190753 01	C190753 02	4 C	P 900831	IT			1,584,000	871,200	I 1,357,800 IVB 226,200	AY
0220 147.27	City of Winterset Madison County 101 E Jefferson Winterset IA 50273	IA6171001 190934001	C190743 01	C190743 02	4 C	P 900831	IT Rehab			2,340,000	1,287,000	I 1,287,000 IIIA 257,400 IVB 795,600	AY
1325 .226	City of Laurel Marshall County P O Box 126 Laurel IA 50141	UNSEWERED 190461001		C191045 01	4 N	P 900831	IT Coll	R		1,532,900	843,090	I 605,200 IVA 927,700	BY D

D:\FY89.C\ps

I. Estimated EPA Assistance Required

A. Estimated assistance for projects on fundable list		\$ 6,352,360
B. Designated reserve for grant increases		3,925,431
C. Reserve for grant increases for alternative technology	FY 1990 Allotment	437,618
D. Reserve for grant increases for innovative technology		
	FY 1989 Allotment	\$ 217,925
	FY 1990 Allotment	\$ 292,002
		509,927
E. Reserve for state management assistance 205(g)		
	FY 1989 Allotment	\$ 657,648
	FY 1990 Allotment	\$ 657,648
		1,315,296
F. Reserve for water quality management 205(j)(1)		
	FY 1988 Allotment	\$ 126,298
	FY 1990 Allotment	\$ 129,779
		256,077
G. Reserve for non-point source management 205(j)(5)		
	FY 1989 Allotment	\$ 71,298
	FY 1990 Allotment	\$ 129,779
		201,077
E. Reserve for advances of allowances (no need projected for FY 1990)		
Total grant needs		<u>\$12,997,786</u>

II. FY 90 Non-additive Set-Aside Reserve Funds

A. Reserve for alternative systems for small communities	\$ 519,116
B. Quota for unsewered communities	\$ 648,895

III. Available Funds

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B. Pending Recoveries	(7/01/90)	3,135,011
C. FY 1989 Allotment Balance	(7/01/90)	1,506,458
D. FY 1990 Allotment Balance	(7/01/90)	<u>7,213,179</u>
		\$12,997,786

///

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa
EPA Region: 07

Page 3 of 6

Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
0110 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 65	3 C		I Four Mile Phase 8 Segment 1			1,134,000	850,500	I 1,134,000	AY
0130 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 66	3 C		I Saylor Cr Phase 7 Seg 1B,C,D			4,700,000	3,525,000	IVB 4,700,000	AY
0140 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 67	3 C		I Beaver Cr Phase 6 Seg 4			600,000	450,000	IVB 600,000	AY
0150 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 68	3 C		I So Tier Phase 10 Seg 1,3,4			3,800,000	2,850,000	IVB 3,800,000	AY

FISCAL YEAR 1991

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST DISCARGER RANKING

Page 4 of 6

Points	Project	Points	Project	Points	Project	Points	Project
		29.26	Sully	8.44	Lanoni	3.35	Ferguson *
		23.97	Stacyville	8.40	Jesup	3.25	Graettinger
136.09	Hampton	18.96	Victor	8.38	West Point	3.19	Clear Lake SSD
105.71	Washington	18.80	Colfax	8.24	Danville	3.02	Bennett
69.06	Oskaloosa	18.73	Sumner	7.59	Blairtown	2.94	Anamosa
68.30	Stanwood	17.90	Corning	7.56	Anita	2.75	Low Moor
		17.71	Dyersville	7.06	Dunlap	2.51	Preston
62.88	Perry	16.60	Dows	7.05	Dumont	2.50	Lake Park
55.63	Coralville	14.72 14.53	Independence Conrad	6.72 6.61	Grinnell Bussey *	2.16	Fort Atkinson *
43.37	Adel	12.82	Wheatland	6.60 5.88	Marengo Deep River *		
41.26	Durant	12.09	Onawa	5.18	Wyoming	1.99	Milo
38.14	Cedar Falls	11.16	Goldfield	4.73	Denver	1.81	Decatur City *
36.36	Humboldt	10.92	Martensdale	4.05	Kiron	1.77	Fenton *
36.08	Waterloo	10.79	Woodbine	4.02	Oakland	1.75	Madrid
35.95	Gladbrook	9.96	Missouri Valley	3.93	Wellman	1.75	Joice *
30.23	Carlisle	9.78	Ely	3.60	Millersburg *	1.68	Haverhill *

* Unsevered Community

FISCAL YEAR 1991

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST
DISCHARGER RANKING

Page 5 of 6

Points	Project	Points	Project	Points	Project	Points	Project
1.65	Lone Rock *	.941	Colo	.566	Lincoln	.321	Masonville *
1.58	Moorland *	.908	Scranton	.545	Albion	.294	Adair
1.57	Monticello	.862	Lake View	.541	Grand Junction	.278	Grand Mound
						.255	Brandon
1.54	Luxemburg *	.847	Maysville *	.513	Eavelock *	.226	Spragueville
1.49	Calmar	.812	Van Horne	.507	Russell	.224	Hawkeye
1.47	Williamsburg	.782	Promise City *	.464	Marne *	.217	Shanbaugh
1.42	Griswold	.769	St Anthony	.462	Rose Hill *	.215	Persia *
1.37	Palmer *	.724	Alta Vista	.452	Swaledale *	.198	Farnhamville
1.34	Van Meter						
1.34	Evansdale	.714	Oran SSD *	.429	Hedrick	.195	Hinthrop
1.24	Marcus	.643	Riverton *	.419	Le Grand	.187	Lawton
1.16	Bouton *	.633	Webb *	.416	Peosta *	.168	Exline *
1.05	Numa *	.611	Center Point	.397	Essex		
.988	Lucas *	.610	Williamson *	.391	Grant *	.150	Ossian
.966	Melrose *	.580	Graf *	.390	East Peru *	.148	Gruver *
.965	Earlham	.578	Larchwood	.368	Hastings *	.120	Spring Hill *
.953	Walnut	.574	State Center	.358	Ayrshire *	.099	Lehigh

FISCAL YEAR 1991

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST DISCHARGER RANKING

Page 6 of 6

Points	Project	Points	Project	Points	Project	Points	Project
.098	Readlyn	.052	Larrabee	.018	Palo	.001	Eldon
.083	Stanhope	.052	Ollie *	.016	Farragut	.0003	Morley *
.078	Maple Heights SSD *	.045	Little Sioux *	.014	Pleasanton *	.0000	Mondamin
				.013	Cananche		
.077	McGausland	.042	Clarence	.010	New Liberty *	.0000	Leland
.072	Donahue	.038	Shellsburg	.007	Kirkville *	.0000	Newhall
.066	Keota	.038	Dexter	.007	Bellevue	.0000	Whittier SSD *
.064	Millerton *	.035	Wapello	.006	Redfield		
.062	Lockridge *	.025	Atkins	.006	Allenan *		
.060	Monroe	.025	Ireton	.005	Slater		
.055	Dennark SSD *	.022	Oyens	.001	Harpers Ferry *		

* Unsewered Community

D:FY89.C

Mr. Stokes explained the grant priority list.

Motion was made by Nancylee Siebenmann to approve the Construction Grant Priority List for FY 91. Seconded by Clark Yeager. Motion carried unanimously.

FINAL RULE--CHAPTER 60, DEFINITIONS AND CHAPTER 62, FEDERAL EFFLUENT AND PRETREATMENT STANDARDS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Department requests the Commission adopt final rules that update references to federal regulations in the Iowa Administrative Code. Periodic updates of references to the federal regulations are necessary because EPA promulgates new or revised effluent and pretreatment standards and the standards adopted by the Commission must be at least as stringent as those promulgated by EPA to maintain delegation of the department's NPDES permit program. Notice of Intended Action was published in the Iowa Administrative Bulletin on August 8, 1990 and a public hearing was held September 4, 1990 in Des Moines. No comments on the proposed rules were received. Several additional amendments to the federal regulations were published after the Notice of Intended Action was approved but prior to the public hearing and these amendments have been included in these final rules.

(Rule is shown on the following 1 1/2 pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Adopted and Filed

Pursuant to the authority of Iowa Code sections 455B.105 and 455B.173, the Environmental Protection Commission amends 567--Chapter 62, "Effluent and Pretreatment Standards: Other Effluent Limits or Prohibitions," and 567--Chapter 60, "Scope of Title - Definitions - Forms - Rules of Practice". Iowa Administrative Code.

The Notice of Intended Action was published in the August 8, 1990, Iowa Administrative Bulletin as ARC 1141A. A public hearing was held on September 4, 1990. The amendments were adopted at the Commission meeting on October 15-16, 1990.

The purpose of the proposed rulemaking is to update references in rules 62.4 (455B) and 62.5 (455B) to federal effluent and pretreatment standards found in 40 Code of Federal Regulations (CFR) which need to be changed due to federal amendments and revisions to 40 CFR. The proposed change to rule 60.2 is to update the definition of "Act" to include amendments to the Water Pollution Control Act through December 31, 1989.

The effluent and pretreatment standards adopted by the Commission are required to be at least as stringent as the enumerated promulgated federal standards in order to have continued approval by the federal Environmental Protection Agency of the department's NPDES program. Iowa Code section 455B.173(3) requires that the effluent and pretreatment standards adopted by the commission not be more stringent than the enumerated promulgated federal standards.

These rules will become effective on December 19, 1990, after filing with the Administrative Rules Review Coordinator and publication in the Iowa Administrative Bulletin.

These rules are intended to implement Iowa Code Chapter 455B, Division III, Part I.

ITEM 1. Amend rule 567--60.2(455B) to read as follows:
567--60.2(455B) Definitions. The following definitions apply to this title, unless otherwise specified in the particular chapter of this title:

"Act" means the Federal Water Pollution Control Act as amended through December 31, 1984 1989, 33 U.S.C. §1251 et seq.

ITEM 2. Amend rule 567--62.4(455B) to read as follows:
567--62.4(455B) Federal effluent and pretreatment standards. The federal standards, 40 Code of Federal Regulations (CFR), revised as of July 1, 1988 1989, are applicable to the following categories:

ITEM 3. Amend subrule 62.4(3) as follows:

62.4(3) General pretreatment regulations for existing and new sources of pollution. The following is adopted by reference: 40 CFR 403 as amended on October 17, 1988 (53 FR 40562) July 24, 1990 (55 FR 30082) and January 4, 1989 (54 FR 246).

ITEM 4. Amend subrule 62.4(14) to read as follows:

62.4(14) Organic chemicals manufacturing, plastics and synthetic fibers point source category. The following is adopted by reference: 40 CFR part 414 as amended on June 29, 1989 (54 FR 27351) June 29, 1990 (55 FR 26691).

ITEM 5. Amend subrule 62.4(16) as follows:

62.4(16) ~~Plastics and synthetics point source category. --The following is adopted by reference: 40 CFR 416 Reserved.~~

ITEM 6. Amend subrule 62.4(67) as follows:

62.4(67) Aluminum forming point source category. The following is adopted by reference: 40 CFR part 467 ~~as amended on December 27, 1988 (53 FR 52366).~~

ITEM 7. Amend subrule 62.4(71) as follows:

62.4(71) Nonferrous metals forming and metal powders. The following is adopted by reference: 40 CFR part 471 ~~as amended on March 17, 1989 (54 FR 11346) and corrected on April 4, 1989 (54 FR 13606).~~

ITEM 8. Amend rule 567--62.5(455B) to read as follows:

567--62.5(455B) Federal toxic effluent standards. The following is adopted by reference: 40 CFR part 129, revised as of July 1, ~~1988~~ 1989.

Mr. Stokes gave a brief explanation of the rules.

Motion was made by Margaret Prahl to approve Final Rule--Chapter 60, Definitions and Chapter 62, Federal Effluent and Pretreatment Standards. Seconded by Nancy Lee Siebenmann. Motion carried unanimously.

EMERGENCY ADOPTED RULE--CHAPTER 209, SOLID WASTE DEMONSTRATION GRANTS

Larry Wilson, Director, presented the following item.

The Commission adopted final rules on this subject in August, which will be effective October 24, 1990. These rules were reviewed by the Rules Review Committee on October 10, 1990, and the Committee stated a preference that competitive grant programs include an objective system, such as a point system, for rating grant applications and awarding grants. The staff responded that the basic criteria are spelled out in the rules and that the application forms do assign points for the various criteria. The Committee felt that this point system ought to be included in the rules themselves. The Committee did not delay or object to the rules that were filed - they will go into effect as they were adopted. The Committee did suggest that we adopt emergency the point system so that it can go into effect on the same time schedule. The rule action to accomplish this is attached.

ENVIRONMENTAL PROTECTION COMMISSION [567]
Emergency Adopted and Implemented Rule

Pursuant to Iowa Code sections 455B.301A and 455E.9, the Environmental Protection Commission of the Department of Natural Resources emergency adopts rule amendments to 567 -- Chapter 209, "Grants for Solid Waste Demonstration Projects," Iowa Administrative Code, to set forth the criteria points for awarding the grants.

In compliance with Iowa Code section 17A.4(2), the Commission finds that public notice and participation is impracticable in that these amendments to the grant applications will take effect October 25, 1990, and it was determined at the suggestion of the Legislative Rules Review Committee that the criteria points should be included in the rule rather than in the applications for grants. The present rules do not set forth the number of points allotted for each criteria even though the instructions in the application forms do contain that information.

The Commission also finds, pursuant to Iowa Code section 17A.5(2)"b"(2) that the normal effective date of this rule 35 days after publication should be waived and the rule be made effective on October 25, 1990, as it confers a benefit upon the public to insure speedy and uniform compliance with the department's solid waste demonstration grants projects applications.

The Commission adopted this rule at a regular meeting on October 15, 1990.

This rule implements Iowa Code sections 455B.301A and 455E.9.

ITEM 1. Amend rule 209.9 (455B, 455E) as follows:

567--209.79(455B,455E) Project award. Projects will be awarded based on the following criteria. ~~The department will determine the relative value of each of these factors in deciding which projects will receive funding.~~ Not all of the criteria will apply to each proposal. Therefore, applications will be scored on the percentage of the available points from criteria that apply to the proposal. The criteria and their point value include:

209.9(1) Planning and management ability. Evaluation of the planning efforts and management ability of the project personnel (20 points);

209.9(2) Transferability of the project. The extent to which the results of this project will prove valuable to other Iowa communities or industries considering the implementation of a similar project (15 points);

209.9(3) Cost-share by applicant (10 points):

a. An applicant for a grant shall agree to provide a minimum cost-share of local funds toward the cost of the project:

- (1) Projects for volume reduction at the source -- 35%;
- (2) Projects for recycling and reuse -- 50%;
- (3) Projects for combustion with energy recovery -- 60%;
- (4) Projects for combustion without energy recovery -- 75%;

b. An applicant is eligible for a maximum grant of \$300,000 and shall not be eligible to receive further grant funds until the ending date of the last grant contract obtained through this program.

209.9(4). Public education. The effectiveness of the proposed education program, where applicable, will be considered (10 points).

209.9(5) Percentage of municipal solid waste diverted from the landfill and how soon the project will begin affecting the waste stream (10 points);

209.9(6) Extent to which the project incorporates and reflects the hierarchy of waste management priorities of the state solid waste management policy (20 points);

October 1990

Environmental Protection Commission Minutes

209.9(7) Consistency with local and regional solid waste planning efforts including a commitment to a consistent volume of solid waste for the project or a plan to obtain a consistent volume of solid waste (20 points);

If a project is not part of a comprehensive plan required under 455B.306, the department may request a letter explaining how this project will or will not potentially impact the comprehensive planning process and, if there is an impact, the department may request a schedule for including the project in the appropriate comprehensive plan or plans.

209.9(8) Documentation that a market analysis has been completed for recyclable goods and energy markets (20 points). When energy projects are being considered for funding, the following additional criteria will be included:

a. Recovery of noncombustibles;

Implementation of recycling/ or source separation projects, or both, in conjunction with the energy recovery project. Projects involving incineration shall separate from the materials to be incinerated recyclable and reusable materials, materials which will result in uncontrolled toxic or hazardous air emissions when burned, and hazardous or toxic materials which are not rendered nonhazardous or nontoxic by incineration. The removed materials shall be recycled, reused, or treated and disposed in a manner approved by the department. Methods to implement such a program shall be included.

209.9(9). The geographic distribution of current and proposed grants, population of proposed service area, or proportion of contribution of tonnage fees (15 points).

Adopted this _____ day of October, 1990.

Larry J. Wilson, Director, Director

Director Wilson explained that the Administrative Rules Review Committee requested that these rules be filed as an emergency and staff is following through with their desire.

Motion was made by Margaret Prah! to approve Emergency Adopted Rule--Chapter 209, Solid Waste Demonstration Grants. Seconded by Mike Earley. Motion carried unanimously.

FINAL RULE--CHAPTER 61, WATER QUALITY STANDARDS - HUMAN HEALTH CRITERIA

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission is requested to approve the Final Rule for revisions to Chapter 567-60, 61 Water Quality Standards - Human

Health Criteria. The Final Rule reflects the numerical values for the human health criteria for 26 parameters which are to provide protection associated with the consumption of fish and shellfish from Iowa waters. Three public hearings were held at which only two written comments were received. The comments principally opposed the adoption of the numerical value for Arsenic. Commentators indicated that they felt the proposed numerical criterion was too stringent and costly to comply with. The attached Responsiveness Summary presents the comments and provides a discussion of the comments. No changes are recommended to the rules as proposed.

A copy of the Economic Impact Statement and the Responsiveness Summary is on file in the department's Records Center.

(Rule is shown on the following 5 pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Adopted and Filed

Pursuant to the authority of Iowa Code sections 455B.105 and 455B.173, the Environmental Protection Commission for the Department of Natural Resources amends Chapter 61, "Water Quality Standards", Iowa Administrative Code.

The recent revisions which amended the numerical and narrative criteria of the water quality standards effective May 23, 1990, included new aquatic use protection designations for Iowa's various water bodies. However, with the U.S. Environmental Protection Agency's (EPA) new emphasis to encourage States to adopt instream criteria to protect human health, the Department of Natural Resources proposes to include human health criteria applicable to Iowa waters. The criteria would protect citizens from elevated levels of toxic pollutants due to the consumption of fish and shell fish caught in Iowa waters.

A Notice of Intended Action was published on July 11, 1990, as ARC 1054A reflecting the proposed changes to include human health criteria. Public hearings were held on August 1, 2, and 7, 1990.

The amendments to include human health criteria were adopted on October 16, 1990. No modifications to the proposed rules as published under the notice have been made. Only two written comments were received. These comments have been addressed in a responsiveness summary available from the department. This summary is on file with the Administrative Rules Coordinator. An economic assessment was prepared for the human health criteria. This assessment is available from the department and is on file with the Administrative Rules Coordinator.

These rules are intended to implement Iowa Code chapter 455B, division III, part I. These rules become effective December 19, 1990, after filing with the Administrative Rules Coordinator and publication in the Iowa Administrative Bulletin.

ITEM 1. Amend rule 60.2 (455B) by adding the following new definition in alphabetical order:

"Human health criteria" means that level of pollution which, in the case of noncarcinogens, prevents adverse health effects in humans, and in the case of carcinogens, represents a level of incremental cancer risk of 1 in 100,000. The numerical criteria are based on the human consumption of an average of 6.5 grams of fish and shellfish per day by a 70 kilogram individual for a life span of 70 years.

ITEM 2. Amend subrule 61.2(1), second unnumbered paragraph, as follows:

Certain of the criteria are in narrative form without numeric limitations. In applying such narrative standards, decisions will be based on the U.S. Environmental Protection Agency's methodology described in "Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and their Uses," (1985) and on the rationale contained in "Quality Criteria for Water," published by the U.S. Environmental Protection Agency (1977), as updated by supplemental Section 304 (of the Act) Ambient Water Quality Criteria documents. To provide human health criteria for parameters not having numerical values listed in 61.3(3) Table 1, the required criteria will be based on the rationale contained in these EPA criteria documents. The human health criterion considered will be the value associated with the consumption of fish flesh and a risk factor of 10⁻⁵ for carcinogenic parameters. For noncarcinogenic parameters, the recommended EPA criterion will be selected. For Class C water, the EPA criteria for fish and water consumption will be selected using the same considerations for carcinogenic and noncarcinogenic parameters as noted above.

ITEM 3. Amend 61.2(4), introductory paragraph, to read as follows:

61.2(4) Regulatory mixing zones. Mixing zones are recognized as being necessary for the initial assimilation of point source discharges which have received the required degree of treatment or control. Mixing zones shall not be used for, or considered as, a substitute for minimum treatment technology required by subrule 61.2(3). The objective of establishing mixing zones is to provide a means of control over the placement and emission of point source discharges so as to minimize environmental impacts. Waters within a mixing zone shall meet the general water quality criteria of subrule 61.3(2). Waters at and beyond mixing zone boundaries shall meet all applicable standards and the chronic and human health criteria of subrule 61.3(3) Tables 1 and 3 for that particular water body or segment. A zone of initial dilution may be established within the mixing zone beyond which the applicable standards and the acute criteria of subrule 61.3(3) will be met. For waters designated under subrule 61.3(5), any parameter not included in Tables 1, 2 and 3 of subrule 61.3(3), the chronic and human health criteria, and the acute criterion calculated following subrule 61.2(1), will be met at the mixing zone and zone of initial dilution boundaries respectively.

ITEM 4. Amend 61.2(4) "c," to read as follows:

c. The stream flow used in determining wasteload allocations to assure compliance with the chronic and human health criteria of Table 1 will be that value contained at the boundary of the allowed mixing zone. This stream flow may not exceed the following percentages of the seven-day, ten-year low stream flow as measured at the point of discharge:

(1) Twenty-five percent for interior streams and rivers, and the Big Sioux and Des Moines Rivers.

(2) Ten percent for the Mississippi and Missouri Rivers. The stream flow in the zone of initial dilution used in determining effluent limits to assure compliance with the acute criteria of Table 1 may not exceed 10 percent of the calculated flow associated with the mixing zone.

ITEM 5. Amend 61.3(3) "b"(3) by adding the following paragraph:

3. The human health criteria represents the level of protection necessary, in the case of non-carcinogens, to prevent adverse health effects in humans, and in the case of carcinogens, to prevent a level of incremental cancer risk not exceeding 1 in 100,000. Instream concentrations in excess of the human health criteria will be allowed only within the boundaries of the mixing zone.

ITEM 6. Amend 61.3(3) Table 1 as follows:

Table 1: Criteria For Chemical Constituents

(all values as micrograms per liter unless noted otherwise). Human health criteria for carcinogenic parameters noted below were based on the prevention of an incremental cancer risk of 1 in 100,000. For parameters not having a noted human health criteria, the U.S. Environmental Protection Agency has not developed final national guideline values. For noncarcinogenic parameters, the recommended EPA criterion was selected. For Class C water, the EPA criteria for fish and water consumption were selected using the same considerations for carcinogenic and noncarcinogenic parameters as noted above.

		Use Designations				
Parameter		B(CW)	B(WW)	B(LR)	B(LW)	C
Arsenic (III)	Chronic	200	200	1000	200	--
	Acute	360	360	1800	360	50
	<u>Human Health</u>	<u>1.4</u>	<u>1.4</u>	--	<u>1.4</u>	--
Barium	Acute	--	--	--	--	1000
Benzene	Acute	--	--	--	--	5
	<u>Human Health</u>	<u>712.8</u>	<u>712.8</u>	--	<u>712.8</u>	--
Cadmium	Chronic	1	15	25	1	--
	Acute	4	75	100	4	10
	<u>Human Health+</u>	<u>168</u>	<u>168</u>	--	<u>168</u>	--

Use Designations

Parameter		B(CW)	B(WW)	B(LR)	B(LW)	C
Carbon Tetra- chloride	Acute	--	--	--	--	5
	<u>Human Health</u>	<u>44.2</u>	<u>44.2</u>	--	<u>44.2</u>	--
Chloride	Acute	--	--	--	--	250*
Chlordane	Chronic	.004	.004	.15	.004	--
	Acute	2.5	2.5	2.5	2.5	--
	<u>Human Health</u>	<u>.006</u>	<u>.006</u>	--	<u>.006</u>	<u>.006</u>
<u>Chlorobenzene</u>	<u>Human Health+</u>	<u>20</u>	<u>20</u>	--	<u>20</u>	<u>20</u>
Chromium (VI)	Chronic	40	40	200	10	--
	Acute	60	60	300	15	50
	<u>Human Health+</u>	<u>3365</u>	<u>3365</u>	--	<u>3365</u>	--
Copper	Chronic	20	35	55	10	--
	Acute	30	60	90	20	1000
	<u>Human Health+</u>	<u>1000</u>	<u>1000</u>	--	<u>1000</u>	--
Cyanide	Chronic	5	10	10	10	--
	Acute	20	45	45	45	20
<u>4,4'- DDT++</u>	<u>Human Health</u>	<u>.0059</u>	<u>.0059</u>	--	<u>.0059</u>	<u>.0059</u>
para-Dichloro- benzene	Acute	--	--	--	--	75
	<u>Human Health+</u>	<u>2.6*</u>	<u>2.6*</u>	--	<u>2.6*</u>	--
<u>3,3-Dichloro benzidine</u>	<u>Human Health</u>	<u>.2</u>	<u>.2</u>	--	<u>.2</u>	<u>.1</u>
1,2-Dichloro- ethane	Acute	--	--	--	--	5
	<u>Human Health</u>	<u>986</u>	<u>986</u>	--	<u>986</u>	--
1,1-Dichloro- ethylene	Acute	--	--	--	--	7
	<u>Human Health</u>	<u>32</u>	<u>32</u>	--	<u>32</u>	--
<u>Dieldrin</u>	<u>Human Health</u>	<u>.0014</u>	<u>.0014</u>	--	<u>.0014</u>	<u>.0014</u>
<u>2,3,7,8-TCDD (Dioxin)</u>	<u>Human Health</u>	<u>.00014***</u>	<u>.00014***</u>	--	<u>.00014***</u>	<u>.00013***</u>
Fluoride	Acute	--	--	--	--	2000
<u>Heptachlor</u>	<u>Human Health</u>	<u>.002</u>	<u>.002</u>	--	<u>.002</u>	<u>.002</u>
Lead	Chronic	3	30	80	3	--
	Acute	80	200	750	80	50

Use Designations

Parameter		B(CW)	B(WW)	B(LR)	B(LW)	C
Mercury (II)	Chronic	.05	.05	.25	.05	--
	Acute	6.5	6.5	10	2.5	2
	<u>Human Health+</u>	<u>.15</u>	<u>.15</u>	--	<u>.15</u>	--
Nitrate as NO3	Acute	--	--	--	--	45*
Nickel	Chronic	350	650	750	150	--
	Acute	3250	5800	7000	1400	--
	<u>Human Health+</u>	<u>4584</u>	<u>4584</u>	--	<u>4584</u>	<u>607</u>
Polychlorinated Biphenyls (PCBs)	Chronic	.014	.014	1	.014	--
	Acute	2	2	2	2	--
	<u>Human Health</u>	<u>.0004</u>	<u>.0004</u>	--	<u>.0004</u>	<u>.0004</u>
Polynuclear Aromatic Hydro- Carbons (PAHs)**	Chronic	.03	.03	3	.03	--
	Acute	30	30	30	30	--
	<u>Human Health</u>	<u>.3</u>	<u>.3</u>	--	<u>.3</u>	<u>.028</u>
Phenols	Chronic	50	50	50	50	--
	Acute	1000	2500	2500	1000	50
	<u>Human Health+</u>	<u>300</u>	<u>300</u>	--	<u>300</u>	--
Selenium (VI)	Chronic	10	125	125	70	--
	Acute	15	175	175	100	10
Silver	Chronic	2.5	8.5	8.5	.35	--
	Acute	30	100	100	4	50
Toluene	Chronic	50	50	150	50	--
	Acute	2500	2500	7500	2500	--
	<u>Human Health+</u>	<u>300*</u>	<u>300*</u>	--	<u>300*</u>	<u>101*</u>
Total Residual Chlorine (TRC)	Chronic	10	20	25	10	--
	Acute	35	35	40	20	--
1,1,1-Trichloro- ethane	Acute	--	--	--	--	200
	<u>Human Health+</u>	<u>173*</u>	<u>173*</u>	--	<u>173*</u>	--
Trichloroethylene (TCE)	Chronic	80	80	80	80	--
	Acute	4000	4000	4000	4000	5
	<u>Human Health</u>	<u>807</u>	<u>807</u>	--	<u>807</u>	--
Vinyl Chloride	Acute	--	--	--	--	2
	<u>Human Health</u>	<u>5250</u>	<u>5250</u>	--	<u>5250</u>	--
Zinc	Chronic	200	450	2000	100	--
	Acute	220	500	2200	110	1000
	<u>Human Health+</u>	<u>5000</u>	<u>5000</u>	--	<u>5000</u>	--

*expressed as milligrams/liter

***to include the sum of known and suspected carcinogenic PAHs
***expressed as nanograms/liter
+Represents the noncarcinogenic human health parameters.
++The concentrations of 4,4'- DDT or its metabolites; 4,4'- DDE and
4,4'- DDD, individually shall not exceed the human health criterion.*

Mr. Stokes explained that these rules are a requirement by the federal government that the state set standards addressing human health criteria. He noted that a representative from Solvay Animal Health, Inc. was present to discuss their point of view.

APPOINTMENT - RUSSELL SMITH AND NEAL LEIPZIG

The following written statement was presented by Russell Smith, Director of Chemical Operations for Solvay and Neil Leipzig, Environmental and Safety Manager for Solvay.

(Statement is shown on the following 7 pages)

Presentation to Iowa Environmental Protection Commission during their regularly scheduled October 15, 1990 Meeting.

Final Rule - Chapter 567-60, 61
Water Quality Standards: Human Health Criteria,
Arsenic III in Class B (WW) Water Use Designation.

by: Solvay Animal Health, Inc. represented by:
Russell C. Smith, Director of Chemical Operations
Neil Leipzig, Environmental and Safety Manager

and comments on behalf of Solvay by Bob Monroe,
Mayor of Charles City.

Copies: Commission Members

Larry Wilson

Allan Stokes

On behalf of Solvay Animal Health (Solvay), we want to thank the Department and Commission for the opportunity to be on today's agenda. We are here to comment on the Department's proposed adoption of Water Quality Standards, Human Health Criteria to provide protection associated with the consumption of fish and shellfish from Iowa Waters. Specifically, our comments address the proposed Arsenic III standard for Class B (WW) water use designation.

The Department's responsiveness summary concludes that these new standards will affect only four industrial facilities and that only two affected parties submitted written comments. We believe that once the Department completes characterization of all waters in the State and identifies arsenic contributions from other discharges, this ruling will have far more impact than what is identified today. The fact that only two parties commented should not minimize the need to critically look at the impact of this rule making.

Solvay strongly opposes adoption of the proposed 1.4 parts per billion (ppb) Human Health criteria for Arsenic III. Solvay submitted written comments following the public hearings stating our reasons for opposing the standard -- reference Solvay's April 17, 1990 letter to Ralph Turkle of the IDNR.

There are two reasons why we oppose adoption:

1. Adequate technical/scientific justification for lowering arsenic standards for Iowa Streams to 1.4 ppb simply doesn't exist.
2. Adoption of the arsenic standard will put an end to Solvay's production and marketing of Roxarsone, an animal health product that has been the cornerstone of our animal health company and the broiler (poultry) industry for 40+ years.

Solvay is an animal health company. Our charter is to research, produce and market products that improve the health of animals and the economics of the producer. The very product we would be forced to discontinue meets this criteria.

Roxarsone is used to prevent Coccidiosis in poultry and to improve feed efficiency and weight gain. The product is marketed to broiler producers worldwide. Solvay is the only U.S. producer of this product. The product is used annually to treat 3 billion broilers in the U.S. and 2 billion outside the U.S.

The economic benefits of the Roxarsone product are significant, not only to Solvay but to the broiler producers and the consumer. Annual sales revenue to Solvay amount to \$8 million. Economic benefits to the broiler producer and consumers are estimated at \$55 million. This is due to improved feed efficiency. The Department estimated an economic benefit for recreational fishing on the Cedar River as a result of the 1.4 ppb proposed standard at \$30,000.

Discontinuance of this product would leave a void in the marketplace. Although there is a foreign producer, they appear to be at capacity and could not meet market demands. Even if they could after a number of years, do we want to rely on foreign production/supply.

The Department has estimated it would cost Solvay \$1.35 million in capital investment and \$343,000 in yearly operating costs to meet the standard. These calculations used a lot of assumptions including assuming arsenic can be removed by ion exchange. Solvay's estimate of capital and operating costs for ion exchange treatment based on actual lab data show investment in the range of \$27 million with annual operating costs exceeding \$1.5 million. This investment would never be made and the production of Roxarsone would be discontinued.

Solvay's current treatment system for arsenic removal from wastewater achieves a removal efficiency of 99.99%. It is considered by EPA to be Best Available Technology following their participation in an on-site performance study. This treatment allows Solvay the ability to meet a drinking water standard for arsenic of 50 ppb in the Cedar River.

The Department's proposed rule making simply adopts EPA's recommended standard for arsenic. The Department doesn't have to adopt this standard. EPA's scientific justification is not adequate and the Department should not take the easy way out, but conduct their own studies and rule on real data relevant to Iowa rivers and aquatic life. Only three states, Delaware, Wisconsin and Minnesota have established human health criteria for arsenic based on fish and shellfish consumptions. All have established the level at 50 ppb, the Safe Drinking Water Act value. As indicated earlier, Solvay could meet this standard.

Solvay retained Environ Corporation, Arlington, Virginia, a nationally recognized environmental consulting firm and expert in arsenic toxicology, to analyze the assumptions made by the USEPA in establishing the arsenic standard. Environ concluded the 1.4 ppb proposed arsenic standard to be unrealistic. It stated a more reasonable standard to be 50 ppb, corresponding to the EPA Maximum Contaminant Level for drinking water supplies under the Safe Drinking Water Act. This conclusion appears to support the Delaware, Wisconsin and Minnesota standards of 50 ppb.

Arsenic is found nearly everywhere in the world's environment. It is a natural element ranking as the 20th most abundant element in the earth's crust. It is present in many surface waters. Long term ingestion of inorganic arsenic in drinking water has been linked to human skin cancer. This is based upon non-U.S. epidemiological data collected in Taiwan. The accuracy of this data is suspect as other environmental conditions have been claimed as contributing factors.

The proposed regulation is intended only to apply to a single form of arsenic; Arsenic III. The proposed standard is 1.4 ppb. Solvay believes current best available analytical methodology for Arsenic III can detect down to 100 ppb. In the absence of suitable Arsenic III analytical methodology, the regulation applies to Total Arsenic. Total Arsenic can include inorganic arsenic such as Arsenic III and Arsenic V as well as organically-bound arsenic. Total arsenic

analytical methodology can currently detect down to 10 ppb. It appears the proposed water quality standard of 1.4 ppb exceeds the capability of the analytical methods to verify compliance. The inability to differentiate arsenic forms also creates an unfair penalty to a discharger such as Solvay. It is well known that Arsenic III is highly toxic while Arsenic V and organically-bound arsenic are far less toxic. Simply substituting Total Arsenic for Arsenic III does not consider the health effect differences of the arsenic species.

The proposed standard for arsenic of 1.4 ppb to protect human health solely on the basis of fish and shellfish consumption is extremely conservative when compared to the long established Maximum Contaminant Level (MCL) for arsenic in drinking water of 50 ppb established under the Safe Drinking Water Act and recognized by the World Health Organization. A person can safely consume a maximum total of 36.5 mg of arsenic per year under the Safe Drinking Water Act. The proposed 1.4 ppb water quality standard would allow an arsenic consumption level of 0.15 mg per year. A person would need to consume 1300 lbs. of fish/shellfish annually under the proposed 1.4 ppb water quality standard to consume the amount of arsenic equivalent to the amount permitted for safe consumption under the Safe Drinking Water Act. This 1300 lbs. is equivalent to an individual's yearly consumption of 12,000 freshwater clams at a rate of 33 per day. If EPA would consider arsenic consumption of fish/shellfish on an equivalent basis to the already safe maximum level of 50 ppb in drinking water supplies, a human health based water quality arsenic standard of 350 ppb would result. This standard is very similar to the recently enacted acute/chronic aquatic toxicity water quality standards of 360/200 ppb in Iowa Class B (WW) use designation.

EPA utilized a bioconcentration factor to derive the 1.4 ppb human health based arsenic water quality criteria. This factor represents a scientific estimate of the concentrating effect of fish/shellfish towards elements such as arsenic in the surrounding water body. EPA's bioconcentration factor for arsenic is 44; that is if the water body arsenic concentration is 1.4 ppb, the

arsenic concentration in a fish/shellfish will approximate 62 ppb. EPA based their bioconcentration factor on very limited data. A single bluegill and a single oyster were reportedly used to derive the 44 bioconcentration factor. Six additional studies showed no such bioconcentration. The EPA bioconcentration factor does not take into account the potential for a "gradient" effect. "Gradient" refers to the relationship between a water body's arsenic concentration and the arsenic level within fish/shellfish; Is there a maximum level of arsenic which can accumulate in a fish/shellfish irrespective of the water-body concentration?, Will levels of arsenic in fish/shellfish increase as arsenic concentration in the water-body increases? More scientific information on this relationship is needed prior to the determination of a bioconcentration factor, and the subsequent generation of a water quality standard. Furthermore, this "gradient" relationship needs to be water body specific. Solvay recommends the Cedar River aquatic community be studied to determine a water-body specific bioconcentration factor.

The reported average level of arsenic in seafood such as fish is 1.47 mg/kg, in oysters 0.08 mg/kg, in soft shell clams 0.14 mg/kg, and in shrimp 0.67 mg/kg. It is generally accepted, seafood contains 50 times the quantity of bioaccumulated arsenic than do fresh water species. It is quite permissible for a person to consume an unlimited quantity of seafood containing these quantities of naturally occurring arsenic while not permissible under the proposed 1.4 ppb water quality standard to consume fish/shellfish from the Cedar River containing more than 0.062 mg/kg. A person would need only consume 7 shrimp in a year to consume the amount of arsenic allowed under the proposed arsenic standard. Since persons generally consume more seafood and, consequently, more arsenic than allowed by the proposed 1.4 ppb arsenic water quality standard, why hasn't a significant incidence of skin cancer been observed among "seafood" eaters? The arsenic present in these crustaceans and fish according to an EPA publication "Health Assessment Document for Arsenic", April 1980 appears to be a complex organic arsenic form. Such compounds are extensively absorbed and rapidly excreted by man and, as such, do not appear to pose a particular health threat to man. This publication further indicates it is not

appropriate to consider high human arsenic intake from diets heavy in "seafood" arsenic as representing relevant exposure inputs for estimating the likely toxicity potential associated with exposure to inorganic arsenic. This factor appears not to have been considered by EPA in its use of the 44 bioconcentration factor. The State of Maryland, as example, recently declined to set a human health criteria for arsenic based solely on fish/shellfish consumption because the EPA bioconcentration factor is likely too conservative for the overall consumption by its residents of freshwater and estuarine fish and shellfish. An additional factor, not apparently considered, is the fact, arsenic will primarily bioconcentrate in the livers and kidneys of fish and digestive tract of shellfish. Typically, these are removed prior to consumption of the edible portions of the fish/shellfish. Consideration of this factor in EPA's establishment of the 44 bioconcentration factor is unclear.

Solvay requests the Commission reject the proposed 1.4 ppb water quality standard for Arsenic III. Solvay urges the Commission adopt a standard based upon sound technical information and its appropriateness to Iowa rivers and communities. Solvay believes such a standard is the 50 ppb level long established under the Safe Drinking Water Act and the World Health Organization.

Attached are comments by Bob Monroe, Mayor of Charles City.

APPOINTMENT - ROBERT MONROE

The following written statement was presented by Robert Monroe, Mayor of Charles City.

"I am Robert Monroe, Mayor of Charles City, Iowa and have served in that capacity since January 1st, 1988. With the exception of attending and graduating from Iowa University and four years of service as a pilot in the Army Air Force from 1941 through 1945, Charles City has been my home. I knew Dr. Joseph Salsbury when he first came to Charles City and started making pills and medicines in his basement.....and gradually expanded to other buildings as his products became famous and he needed the extra production.....today that industry has been and still is one of the largest industries in Charles City. Salsbury Labs is now known as SOLVAY, and they continue to expand in our city.....they are one of the keys to the economy of Charles City.

SOLVAY and Charles City have always cooperated with each other and have respected the needs, sharing in the costs of new improvements at their plant facilities. We worked with them when they installed their own waste water treatment facility, enabling them to comply with existing water quality standards.

Charles City is now finally improving economically.....a more positive attitude among our people, after suffering some setbacks the past two and a half years, when White Farm Equipment moved the tractor assembly and paint lines to Ohio.....then in the end of 1988, SOLVAY announced that the Administrative and Research Divisions of their company would be moving to a site near the Twin Cities in Minnesota to recruit the needed people in research; but at the same time they were making plans for additions to their production in Charles City, which they have done and are continuing to do.

SOLVAY INDUSTRIES is extremely necessary to the economy of Charles City.....they are providers of quality jobs in Charles City.....the loss of 23 to 25 jobs, paying \$10.00 to \$12.00 per hour would remove around one-half million dollars of payroll from our local economy. At a time when the State of Iowa is struggling to increase the number of quality jobs, we need to be more sensitive to retaining the jobs we currently possess. In the past SOLVAY has shown a willingness to cooperate with all agencies in regard to protection of our environment.....and again they are willing to meet recognized and tested standards, but they cannot reduce chemicals in their waste water treatment plant to standards that are not economical or practical to meet.

The health and welfare in the environment of people in and around Charles City and areas downstream on the Cedar River are the first consideration of our City and County governments and above all the SOLVAY Company. Since 1945, when I returned to live in

Charles City, I honestly do not feel that anyone believes that their lives have been threatened by SOLVAY Corporation's operation.

The issue at hand is not are we for a quality environment, but the issue is that any environmental regulation must have verifiable justification as to its need and prior to implementation.....all the ramifications as a result of these regulations must be known. How can we accept anything less? From the discussion today I don't believe that the Commission has received all of the facts at hand to make a good environmental decision.

On behalf of the people in Charles City, I want to thank you for your time and do appreciate your efforts in helping our environment."

A lengthy discussion followed regarding research costs and lack of department personnel and funds to do same.

Mr. Stokes advised the Commission of the following options for adopting the rules: 1) adopt rules as proposed; 2) adopt rules without setting a human health criteria for Arsenic; or 3) adopt rules with 50 ppb Arsenic as proposed by Solvay and adopted by three other states. He added that in option 2 and 3 the EPA could say it is wrong and adopt a standard for us.

Nancylee Siebenmann asked if there could be a fourth option that direction be given the department to carry out some scientific evidence gathering of their own in terms of that specific bioconcentration in a particular waterway.

Mr. Stokes replied that it would be a department responsibility to adopt water quality standards that are statewide, and if a particular discharger disagrees with those standards they can do site specific studies to document that the department is wrong and there should be something different for that facility.

Richard Hartsuck commented that the reasonable thing to do is to change to MCL (50 ppb Arsenic) as three other states have done, adding it is the only responsible course to take.

Discussion followed.

Motion was made by Nancylee Siebenmann to approve Final Rule--- Chapter 61, Water Quality Standards - Human Health Criteria with an alteration in the Arsenic standard to 50 ppb until there is either EPA directive or greater scientific information on which to review it. Seconded by Margaret Prah. Motion carried unanimously.

NOTICE OF INTENDED ACTION--CHAPTERS 70, 71, 72, 73, 74 AND 75,
FLOODPLAIN DEVELOPMENT PERMITS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Department is proposing to amend Chapters 70, 71, 72, 73, 74 and 75 of the administrative rules which relate to floodplain development. Commission approval of the attached Notice of Intended Action is requested.

The proposed amendments would:

Eliminate milldams as a separate class of dam. Legislation proposed by the Commission and passed last session repealed a portion of Iowa Code Chapter 469 relating to Department regulation and inspection of milldams. Such dams are now regulated under the provisions of Iowa Code Chapter 455B. The rule amendments would bring the administrative rules in line with the statutory changes.

Make minor changes in the floodplain permit review procedure to streamline the review process for routine, non-controversial projects.

Change the threshold limits (i.e., when approval is needed) for small dams within and near cities and add a minimum dam height criterion for other dams.

Exempt from permit requirements bridges constructed in conjunction with channel changes in rural areas on streams draining less than 100 square miles. The threshold limits for channel changes on these streams would not be changed.

Exempt from permit requirements buried pipeline stream crossings which do not change the natural contours of the channel and floodplain.

Make minor "housekeeping" changes (dates, names, etc.) to the rules and Technical Bulletin No. 16, Design Guidelines for Iowa Dams.

(Rule is shown on the following 7 pages)

ENVIRONMENTAL PROTECTION COMMISSION {567}
Notice of Intended Action

Pursuant to the authority of Iowa Code Section 455B.278, the Environmental Protection Commission intends to amend Chapter 70, "Scope of Title - Definitions - Forms - Rules of Practice," Chapter 71, "Flood Plain or Floodway Development - When Approval is Needed," Chapter 72, "Criteria for Approval," Chapter 73, "Use, Maintenance, Removal, Inspections, and Safety of Dams," Chapter 74, "Milldams and Races," and Chapter 75, "Management of Specific Flood Plain Areas."

The proposed rule amendments are intended to reflect legislation which repealed the regulatory provisions of Iowa Code Chapter 469 (Dams), to streamline and clarify the flood plain permitting procedure, and to make various other minor changes in the Commission's flood plain rules and the department's Technical Bulletin No. 16, "Design Criteria and Guidelines for Iowa Dams."

The Acts of the 73rd General Assembly, 1990 Regular Session, House File 2296, repealed portions of Iowa Code Chapter 469 relating to the regulation of milldams by the Iowa Department of Natural Resources. In effect, the legislation eliminated milldams as a separate class of dam and placed the regulatory control over such dams under the provisions of Iowa Code Section 455B.275, the section of the Iowa Code which gives the Department of Natural Resources regulatory authority over all other types of flood plain development including non-milldams. The present Commission rules are in conflict with these statutory changes. The proposed rule amendments would rescind Chapter 74, "Milldams and Races" and eliminate references to milldams in other Chapters.

A review of the present flood plain permitting procedures showed that changes in the present rules were justified to eliminate unnecessary administrative procedures and to change the administrative thresholds which govern when approval is needed for various categories of projects. The proposed amendments would eliminate the requirement that a project summary report be prepared for all projects prior to the issuance of a flood plain development permit, thus eliminating a time-consuming step which is not needed for routine projects. Project summary reports would still be prepared for complex or controversial projects and for projects being recommended for disapproval.

Additionally, the proposed amendments would change the administrative thresholds for dams, bridges and pipeline crossings. Approval is currently required for very small dams in incorporated areas and within two miles thereof. It is being proposed that the size limitations for this category be changed and that the two mile distance be changed to one mile, thereby exempting from regulation those very small dams that have essentially no potential public impact should they fail. For other categories of dams, a minimum height threshold is being added to the existing storage thresholds.

Bridges associated with channel changes in rural areas would no longer be regulated if the stream drains less than 100 square miles. The channel change portion of such projects would, however, remain subject to the existing approval requirements.

Buried pipeline crossings which would not result in changes to the flood plain topography would also no longer be regulated. Other regulations and design standards for buried pipelines both within and without the department are sufficient to insure that buried pipelines are constructed to minimize the potential for rupture and discharge into the stream.

Other changes being proposed are primarily to clarify existing procedures and update references and are not substantive changes. Included in this category are the changes being made to the department's Technical Bulletin No. 16, Design Guidelines for Iowa Dams, which is adopted by reference.

Any interested person may file written comments or suggestions on the proposed rule amendments through December 12, 1990. Such written comments should be directed to Jack D. Riessen, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand, Des Moines, Iowa 50319. Persons are also invited to present oral or written comments at a public hearing which will be held on December 6, 1990 at 1 p.m. in the fifth floor conference room, Wallace State Office Building, 900 East Grand, Des Moines, Iowa.

The following amendments are proposed:

ITEM 1. Rule 567--70.1(109, 455B,469), last unnumbered paragraph, is amended to read as follows:

Minimum statewide criteria for most types of flood plain development are listed in Chapter 72. Special requirements for dams are listed in Chapter 73. ~~Requirements which apply only to mildams are listed in Chapter 74.~~

ITEM 2. Rule 567--70.3 (17A, 109, 455B, 469) is amended to read as follows:

567--70.3 (17A, 109, 455B, 469) Forms. The following forms are currently in use for flood plain projects.

Form 36: Application for approval of Construction in or on any Floodway or Flood Plain. 8/85: 4/87. 542-3234

Form 37: Notification of Completion of Construction. 7/83: 1/87. 542-3017

~~Form--38:--Temporary--Stream--Crossing--for--Highway--Construction:---7/83: 542-1011~~

ITEM 3. Rule 567--70.4 (17A, 109, 455B) is rescinded and replaced with the following in lieu thereof:

567--70.4 (17A, 109, 455B). Requesting approval of flood plain development.

70.4(1) Development needing approval. Any development in a floodway or flood plain which exceeds the thresholds in Chapter 71 of these rules and is not otherwise regulated by a department flood plain management order or a department-approved, locally adopted flood plain management ordinance requires a department flood plain development permit.

70.4(2) Applying for a flood plain development permit. Application for a flood plain development permit shall be made on DNR Form 36 or a reasonable facsimile thereof. The application shall be submitted by or on behalf of the person or persons who have or will have responsibility by reason of ownership, lease, or easement for the property on which the project site is located. The application must be signed by the applicant or a duly authorized agent. Completed applications along with supporting information shall be mailed or otherwise delivered to the Flood Plain Management Section, Environmental Protection Division, Iowa Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319.

70.4(3) Engineering Plans.

a. General requirement of certified plans. An application shall not be considered complete until sufficient engineering plans have been submitted to enable the department to determine whether the project as proposed satisfies applicable criteria. The engineering plans shall contain information specified by the department, including specifications, operation procedures and other information relating to environmental impacts. The engineering

plans and other engineering information shall be certified by a registered professional engineer or, if applicable, a registered land surveyor, as required by Iowa Code chapter 114. Duplicate copies of certified plans are required so that one copy can be returned to the applicant upon approval or disapproval of the application. An additional copy of the certified plans shall be required if the plans are incorporated as part of an approval or disapproval order which is filed with a county recorder.

b. Waiver of submission of certified plans. The department may waive the requirement in paragraph "a" of this subrule that the application for approval of a floodplain project be supported by certified engineering plans by making one of the following determinations:

(1) Engineering data are not required to determine that the project conforms to all applicable administrative and statutory criteria; or

(2) Adequate engineering data used to evaluate the dimensions and effects of the project were already available to the engineering staff.

70.4(4) Application fee. Reserved. No fee is charged at this time.

70.4(5) Modification of application or plans. Applicants and prospective applicants are encouraged to communicate with the department's staff before submitting plans to identify the data required for review of a project and to discuss project modifications reasonably required to make the project conform to applicable criteria. When staff review of submitted plans discloses need for plan modification to conform to one or more criteria, the applicant is encouraged to submit revised plans.

ITEM 4. Subrules 70.5(1), 70.5(3) and 70.5(4) are amended to read as follows:

70.5(1) Initial screening of applications. Each application upon receipt shall be promptly evaluated by the department to determine whether adequate information is available to review the project. The department shall then advise the applicant of any additional information required to review the project. If the requested information is not submitted within 60 days of the date the request is made, the department may consider the application withdrawn.

70.5(3) Project investigation. The department shall make an investigation of a project for which an application is submitted. The following are standard procedures for an investigation of an application.

a. Inspection. Agency personnel may make one or more field inspections of the project site when necessary to obtain information about the project. Submission of the application is deemed to constitute consent by the applicant for the agency staff and its agents to enter upon the land on which the proposed activity or project will be located for the sole purpose of collecting the data necessary to process the application, unless the applicant indicates to the contrary on the application.

b. Hydraulic Technical Review. The department staff shall conduct an appropriate--hydraulic a technical review using appropriate analytical techniques such as application of hydrologic and hydraulic models to determine the hydraulic effects and impacts of the a proposed project.

c. Solicitation of expert comments on environmental effects. For channel changes or other development which may cause significant adverse effects on the wise use and protection of water resources, water quality, fish, wildlife and recreational facilities or uses, the department shall request comments from the fish and wildlife division of the department or other knowledgeable sources.

d. Summary report of project review. ~~Personnel-assigned-to-project-review shall-prepare-a-summary-report-which-shall-state-whether-the-project-conforms~~

to-relevant-criteria: The department staff may, at its discretion, prepare a project summary report which summarizes the results of the review with respect to relevant criteria, the analytical methods used in the review and other project information. Typically, project summary reports will be prepared only for those projects for which negative comments have been received from potentially affected landowners, those projects which are not approvable, and those projects which are complex in nature. Project summary reports will not normally be prepared for routine, non-controversial projects.

e. Notice to landowners who might be affected. Before an application for approval of a levee or channel change is approved the department shall require the applicant to provide the names of the owners and occupants of land located immediately upstream, downstream, and across from the project site, and owners of any other land which the agency staff determines may be adversely affected by the project. The department shall then notify the landowners that the project is under consideration and provide a reasonable opportunity for submission of comments. The requirements of this paragraph also apply to other types of flood plain development when the project review discloses that lands not controlled by the applicant may be adversely affected by the project.

f. Notice to the applicant that project does not conform to criteria. If the project review discloses that the project violates one or more criteria and that the project should be disapproved, or approved only subject to special conditions to which the applicant has not agreed, the department shall notify the applicant and, when practical, suggest appropriate project modifications. The department shall offer the applicant an opportunity to submit comments before an initial decision is made.

70.5(4) Initial decision by the department.

a:--Form of decision: --The initial decision by the department on an application shall be an approval or disapproval order issued by the chief of the flood plain branch; program operations division. --The decision shall include the general conditions listed in Chapter 72 of these rules when appropriate; and may include one or more special conditions when reasonably necessary to implement relevant criteria. --The decision may incorporate by reference and attachment the summary report described in 70.5(3)"d" of these rules:--The decision shall include the following:

--1:--Determinations as to whether the project satisfies all relevant criteria not addressed in an attached summary report:

--2:--An explanation of the basis for imposing each special condition:

--3:--Explanation of the consideration given to all comments submitted pursuant to 70.5(3)"e" and "f" unless the comments are adequately addressed in an attached summary report:

The initial decision by the department on an application for a flood plain development permit shall be either approval or disapproval. The initial decision shall include a determination whether the project satisfies all relevant criteria and may incorporate by reference and attachment the summary report described in 70.5(3)d of these rules.

a. Approval. Issuance of a flood plain development permit shall constitute approval of a project. The permit shall include applicable general conditions listed in Chapter 72 of these rules and may include one or more special conditions when reasonably necessary to implement relevant criteria.

b. Disapproval. A letter to the applicant denying the application shall constitute disapproval of a project.

c. b: Notice of initial decision. Copies of the initial decision shall be mailed to the applicant, any person who commented pursuant to 70.5(3)"e", and

any other person who has requested a copy of the decision. The decision may be sent by ordinary mail, first class, and shall be accompanied by a certification of the date of mailing. An initial decision becomes the final decision of the department unless a timely notice of appeal is filed in accordance with 70.6(17A, 109, 455B, 469). The final decision may be filed with the appropriate county recorder to give constructive notice to future landowners of any conditions or requirements imposed by the final decision.

ITEM 5. Rule 567--70.6(17A, 109, 455B, 469), implementation paragraph, is amended to read as follows:

These rules are intended to implement Iowa Code Sections 17A.3, 109.15, 455B.105, Chapter 455B, division III, part 4; and ~~Chapter~~ 469.

ITEM 6. Subrule 71.1(1) is amended to read as follows:

71.1(1) Rural area - floodway. In rural areas:

a. ~~--Bridges~~ bridges, culverts, road embankments, and temporary stream crossings in or on the floodway of any river or stream draining more than one hundred ~~-(100)~~ square miles. (Note: Channel modifications associated with bridge, culvert or roadway projects may need approval, see 567--71.2(455B)).

b. ~~--Bridges; -culverts; -road-embankments; -and -temporary -stream -crossings involving channel changes in or on the floodway of any stream draining at the location of the channel change between ten -(10) and one hundred -(100) square miles whereby either -(i) more than five hundred -(500) foot length of the existing channel is being altered or -(ii) the length of existing channel being altered is reduced by more than twenty-five percent -(25%)-~~

ITEM 7. Subrule 71.3(1) is amended to read as follows:

71.3(1) Rural areas. In rural areas:

a. Any dam designed to provide a sum of permanent and temporary storage exceeding fifty (50) acre-feet at the top of dam elevation, or twenty-five (25) acre-feet if the dam does not have an emergency spillway; and which has a height of five feet or more.

b. Any dam designed to provide permanent storage in excess of eighteen (18) acre-feet; and which has a height of five feet or more.

c. Any dam across a stream draining more than ten (10) square miles.

d. Any dam located within ~~two~~ one (2) miles of an incorporated municipality, if the dam has a height of ten (10) feet or more, ~~and is designed to temporarily store more than five -(5) acre-feet at the top of dam elevation; or impounds a stream draining two -(2) or more square miles; stores ten acre-feet or more at the top of dam elevation, and is situated such that the discharge from the dam will flow through the incorporated area.~~

ITEM 8. Subrule 71.3(5) is rescinded.

ITEM 9. Rule 567--71.8(455B) is amended to read as follows:

567--71.8(455B) Pipeline crossings. Approval by the department for the construction, operation and maintenance of buried pipeline crossings is not required if the natural contours of the channel and flood plain are maintained. (Note: Approval of streambank protection measures associated with pipeline crossings may need approval under 567--71.9(455B)). Approval by the department for the construction, operation, and maintenance of all other pipeline crossings shall be required in the following instances.

71.8(1) Rural areas. In rural areas, pipeline crossings on any river or stream draining more than one-hundred-(100) square miles.

71.8(2) Urban areas. In urban areas pipeline crossings on any river or stream draining more than two (2) square miles.

ITEM 10. Paragraph 72.3(1)"a" is amended to read:

a. Required findings. The department will approve the construction, operation or maintenance of a dam or modification of a dam or appurtenant structure only after finding that the project is designed in accordance with accepted engineering practice and methods and in a manner consistent with the applicable criteria and guidelines in department Bulletin No. 16, "Design Criteria and Guidelines for Iowa Dams," July-1983 September 1990.

ITEM 11. Subrule 73.1(1) is amended to read as follows:

73.1(1) When approval of operating plan required. An operating plan approved by the department shall be required for any dam exceeding the thresholds established in department rule 71.3(455B) ~~and-for-any-milldam~~ if the dam ~~or-milldam~~ has moveable structures which must operate during floods or to release a minimum downstream flow, or the impoundment water level is raised or lowered regularly or periodically.

ITEM 12. Subparagraph 73.1(2)"a"1 is amended to read as follows:

(1) Where operating plan is related to proposed construction. If an operating plan is required for a proposed new dam or because of proposed structural modification of an existing dam, the operating plan will be reviewed as part of the department review of construction plans which are required by Chapter 5070 to 52 72. Approval of the proposed operating plan will be made a part of the department order permit, which approves the construction plans.

ITEM 13. Subrule 73.2(1) is amended to read as follows:

73.2(1) When approval required. A separate approval is required to temporarily or permanently raise or lower the level of water impounded by a dam which exceeds the thresholds of rule 71.3(455B) ~~or-a-milldam--as-defined-in-Iowa-Code-Chapter-469~~; unless the raising and lowering has been authorized as part of an approved operation plan. Such approval shall be in the form of a letter authorizing the lowering or raising and may be conditioned upon various requirements.

ITEM 14. Subrule 73.11(1) is amended as follows:

73.11(1) When approval required. Agency approval is required to remove a ~~milldam-of~~ any other dam which exceeds the thresholds in rule 71.3(455B).

ITEM 15. Subrule 73.20(1) is amended to read as follows:

73.20(1) Scope of dam safety inspection program. Dams subject to inspection under these rules are ~~all-milldams~~; all dams which exceed the thresholds in rule 71.3(455B); and certain preexisting dams as described in 73.21(3). The scope of department staff field inspections normally is limited to visually observable features of dams and their appurtenant structures.

ITEM 16. Subparagraph 73.21(1)"d" 1 is amended to read as follows:

(1) Inspections by department personnel. All major structures shall be inspected by agency staff on a regular basis. The department staff shall notify the dam owner or agent before each inspection. High hazard structures shall be inspected at least once every two (2) years. Major structures not classified as high hazard shall be inspected at least once every five (5) years. Structures in poor condition shall be inspected more frequently until required repairs are completed. ~~Milldams-shall-receive-annual-inspections-~~ Each inspection shall assess the condition of the dam and appurtenant structures and the adequacy of operation and maintenance practices. If warranted, the inspection may include reevaluation of the ability of the dam and appurtenant structures to adequately withstand the hydraulic loadings and pass the appropriate design floods.

ITEM 17. Subparagraph 73.21(2)"c" 3 is rescinded.

ITEM 18. Rule 567--73.22 (109, 455B, 469) is amended to read as follows:

567--73.22 (109, 455B, 469) Duty of dam owner to maintain, investigate, inspect and report. The owner of a dam has a responsibility to maintain the dam and appurtenant structures in a safe condition. The owner should perform regular inspections to identify potential maintenance problems. The owner of a dam which exceeds the thresholds in rule 71.3(455B) or a milldam will be required by the department to arrange for performance of engineering investigations when needed to evaluate potential safety problems. In any case where the department determines the need for follow-up inspections, the dam owner may be required to have a qualified person make inspections and prepare written inspection reports at specified intervals.

ITEM 19. The implementation clause of Chapter 73 is amended to read as follows:

The rules in this chapter are intended to implement Iowa Code Sections 109.15, 455B.275, 455B.277, 455B.264, 469-1; 469-10 and 17A.12.

ITEM 20. Chapter 74 is rescinded.

ITEM 21. Subrule 75.1(1), catch phrase, is amended to read as follows:

75.1(1) Regulation of development by issuance of council department flood plain management orders.

Date

Larry J. Wilson Director

Mr. Stokes gave an explanation of the rules.

Motion was made by Margaret Prah1 to approve Notice of Intended Action--Chapters 70, 71, 72, 73, 74, and 75, Floodplain Development Permits. Seconded by Rozanne King. Motion carried unanimously.

NOTICE OF INTENDED ACTION--CHAPTER 136, ADOPTING RULE CHANGES
MADE IN FEDERAL REGULATIONS (Financial Responsibility for USTs)

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department requests Notice of Intended Action be given for amendments to Chapter 136, "Financial Responsibility for Underground Storage Tanks". The amendments adopt changes made in the federal underground storage financial responsibility regulations by the U.S. Environmental Protection Agency. This

will keep Iowa's rules consistent with the federal regulations as required in section 455B.474 of the Code of Iowa.

The amendments correct errors and add clarification to the current rules. The compliance dates for showing financial responsibility are also being extended one year for petroleum marketers with 13-99 tanks to April 26, 1991 and petroleum marketers with one to twelve tanks and non-marketers to October 26, 1991.

Public hearings are scheduled for December 4, 1990 in the Oakdale Campus Auditorium at the University of Iowa, December 6, 1990 at City Hall in Denison, and December 7, 1990 at the Wallace State Office Building in Des Moines. The deadline for filing comments with the department has been set at December 11, 1990.

(Rule is shown on the following 4 pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intended Action

Pursuant to the Authority of the Iowa Code section 455B.474, the Environmental Protection Commission gives Notice of Intended Action to amend Chapter 136, "Financial Responsibility for Underground Storage Tanks." The amendments adopt changes made in the federal underground storage tank regulations by the U.S. Environmental Protection Agency.

The majority of the amendments correct errors and add clarification to current rules. The compliance dates for showing financial responsibility are being extended one year for petroleum marketers with thirteen to ninety-nine tanks to April 26, 1991, and petroleum marketers with one to twelve tanks and non-marketers to October 26, 1991.

Any interested party may file a written statement of position on the subjects covered by these proposed rules no later than December 11, 1990. These written comments should be directed to Keith Bridson, Iowa Department of Natural Resources, 900 East Grand Avenue, Des Moines, Iowa 50319-0034, FAX 515/281-8895. Persons or organizations are invited to present written or oral comments at a public hearing on these proposed rules which will be held: December 4, 1990 at 11:00 a.m. in the Community Room, City Hall, Denison, Iowa; December 6, 1990 at 11:00 a.m. in the Auditorium, Oakdale Campus, University of Iowa, Iowa City, Iowa; and December 7, 1990 at 1:00 p.m. in the east half, fourth floor conference room, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa.

These rules are intended to implement Iowa code section 455B.424.

ITEM 1. Amend subrule 136.2(3) as follows:

136.2(3) All petroleum marketing firms owning 13-99 USTs at more than one facility: ~~April-26;-1990~~ April 26, 1991.

ITEM 2. Amend subrule 136.2(4) as follows:

136.2(4) All petroleum UST owners not described in subrules 136.2(1) to 136.2(3), including all local government entities; ~~October-26;-1990~~ October 26, 1991.

ITEM 3. Amend rule 567-136.3(455B) Definition of Terms by adding the following new definition:

"Termination" under 136.8(2)"a" and "b" means only those changes that could result in a gap in coverage as where the insured has not obtained substitute coverage or has obtained substitute coverage with a different retroactive date than the retroactive date of the original policy date for compliance established in rule 136.2(455B).

ITEM 4. Amend subparagraph 136.8(2)"a"(1) as follows:

1. This endorsement certifies that the policy to which the endorsement is attached provides liability insurance covering the following underground storage tanks:

[List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to subrule 567--135.3(3) and the name and address of the facility.]

for [insert: "taking corrective action" and /or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or nonsudden accidental releases" or "accidental--releases" "accidental release; in accordance with and subject to the limits of

liability, exclusions, conditions, and other terms of the policy"; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the underground storage tank(s) identified above.

The limits of liability are [insert the dollar amount of the "each occurrence" and "annual aggregate" limits of the Insurer's or Group's liability; if the amount of coverage is different for different types of coverage or for different underground storage tanks or locations, indicate the amount of coverage for each type of coverage and/or for each underground storage tank or location], exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under [policy number]. The effective date of this policy is [date].

ITEM 5. Amend "d" in subparagraph 136.8(2)"a"(2) as follows:

d. Cancellation or any termination of the insurance by the ["Insurer" or "Group"] except for non-payment of premium or misrepresentation by the insured will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for non-payment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

ITEM 6. Amend paragraph "e" in 136.8(2)"a"(2) as follows:

e. The insurance covers claims for any occurrence that commenced during the term of the policy that is discovered and reported to the ["Insurer" or "Group"] within six months of the effective date of the cancellation or termination of the policy. The insurance covers claims otherwise covered by the policy that are reported to the ["Insurer" or "Group"] within six months of the effective date of cancellation or non-renewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the previous policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in subrule 567--136.8(2) "ENDORSEMENT" and that the ["Insurer" or "Group"] is [licensed to transact business of insurance or eligible to provide insurance as an excess or surplus lines insurer in one or more states].

[Signature of authorized representative of Insurer or Risk

Retention Group]

[Name of person signing]

[Title of person signing], Authorized Representative of [name of Insurer or Risk Retention Group]

[Address of Representative]

ITEM 7. Amend subparagraph 136.8(2)"b"(1) as follows:

1. [Name of Insurer or Risk Retention Group], [the "Insurer" or "Group"], except for the non-payment of premium or misrepresentation by the insured, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

[List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the

notification submitted pursuant to subrule 567--135.3(3) and the name and address of the facility.]

for [insert: "taking correction action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "~~accidental--releases~~" "accidental release; in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the policy"; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the underground storage tank(s) identified above.

The limits of liability are [insert the dollar amount of the "each occurrence" and "annual aggregate" limits of the Insurer's or Group's liability; if the amount of coverage is different for different types of coverage or for different underground storage tanks or locations, indicate the amount of coverage for each type of coverage and/or for each underground storage tank or location], exclusive of legal defense costs which are subject to a separate limit under the policy. This coverage is provided under [policy number]. The effective date of this policy is [date].

ITEM 8. Amend paragraph "d" in 136.8(2)"b"(2) as follows:

d. Cancellation or any termination of the insurance by the ["Insurer" or "Group"] except for non-payment of premium or misrepresentation by the insured will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for non-payment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

ITEM 9. Amend paragraph "e" in 136.8(2)"b"(2) as follows:

e. ~~The insurance covers claims for any occurrence that commenced during the term of the policy that is discovered and reported to the ["Insurer" or "Group"] within six months of the effective date of the cancellation or termination of the policy.~~ The insurance covers claims otherwise covered by the policy that reported to the ["Insured" or "Group"] within six months of the effective date of cancellation or non-renewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in subrule 567--136.8(2) "CERTIFICATE OF INSURANCE" and that the ["Insurer" or "Group"] is [licensed to transact business of insurance or eligible to provide insurance as an excess or surplus lines insurer in one or more states].

[Signature of authorized representative of Insurer or Risk Retention Group]

[Name of person signing]

[Title of person signing], Authorized Representative of [name of Insurer or Risk Retention Group]

[Address of Representative]

ITEM 10. Rescind paragraph 136.14(1)"b" and replace it with the following: Termination of insurance or risk retention group coverage, except for non-payment or misrepresentation by the insured, or state funded assurance may

not occur until 60 days after the date on which the owner or operator receives notice of termination, as evidenced by the return receipt. Termination for non-payment of the premium or misrepresentation by the insured may not occur until a minimum of 10 days after the date on which the owner or operator receives the notice of termination, as evidenced by the return receipt.

Date

Larry J. Wilson, Director

Mr. Stokes explained the rules and asked approval to take to public hearing.

Motion was made by Richard Hartsuck to approve Notice of Intended Action--Chapter 136, Adopting Rule Changes Made in Federal Regulations. Seconded by William Ehm.

Mike Earley stated that he will abstain from voting as he has a conflict of interest.

Motion carried unanimously with the exception of Mike Earley abstaining.

NOTICE OF INTENDED ACTION--CHAPTER 135, ADOPTING U.S. EPA RULE CHANGE ON ISSUANCE OF CERTIFICATE EVIDENCING COMPLETE REMEDIATION

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department requests Notice of Intended Action be given for rule amendments to Chapter 135, "Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks". The amendments that adopt changes made to the federal underground storage tank rules correct a rule reference and permits another method of overfill prevention. These changes will keep Iowa's rules consistent with federal rules as required by 455B.474 of the Code of Iowa.

The new subrule, 135.7(9), provides for issuance of a certificate by the department to an underground storage tank owner evidencing completion of a remediation action. Section 455B.304 of the Iowa Code requires rules on issuing the certificate.

October 1990

Environmental Protection Commission Minutes

Public hearings are scheduled for December 4, 1990 in the Oakdale Campus Auditorium at the University of Iowa, December 6, 1990 at City Hall in Denison, and December 7, 1990 at the Wallace State Office Building in Des Moines. The deadline for filing comments with the department has been set at December 11, 1990.

(Rule is shown on the following two pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intended Action

Pursuant to the Authority of the Iowa Code section 455B.474, the Environmental Protection Commission gives Notice of Intended Action to amend Chapter 135, "Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks." The amendments adopt changes made in the federal underground storage tank regulations by the U.S. Environmental Protection Agency and provides for the issuance of a certificate to the owner of an underground petroleum storage tank evidencing completion of a remediation action by cleaning the site to the then current action standards.

A new method of overfill protection as adopted by the federal regulations is being added to Chapter 135. The proposed rule on issuing a certificate evidencing completion of a remediation mirrors the requirements found in section 455B.304 as amended by House File 2552, Seventy-third General Assembly. The only additions that have been made require that the request for a certificate be made after receiving a letter acknowledging compliance with the action standards from the department, clarification when further remediation can be required, and that the certificate does not constitute a warranty of the property's condition.

Any interested party may file a written statement of position on the subjects covered by these proposed rules no later than December 11, 1990. These written comments should be directed to Keith Bridson, Iowa Department of Natural Resources, 900 East Grand Avenue, Des Moines, Iowa 50319-0034, FAX 515/281-8895. Persons or organizations are invited to present written or oral comments at public hearings on these proposed rules which will be held: December 4, 1990 at 11:00 A.M. in the Community Room, City Hall, Denison, Iowa; December 6, 1990 at 11:00 A.M. in the Auditorium, Oakdale Campus, University of Iowa, Iowa City, and December 7, 1990 at 11:00 A.M. in the east half, fourth floor conference room, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa.

These rules are intended to implement Iowa code sections 455B.424 and 455B.304.

ITEM 1. Amend 135.5.(1)"c" by revising the first note immediately after the table entitled "Schedule for Phase-in of Release Detection" as follows:
P = Must begin release detection for all pressurized piping in accordance with 135.5(2)"b"(1)-and-135.5(3)"b"(4):

ITEM 2. Amend 135.3(1)"c"(1)"2" by adding the following paragraph.

2. Overfill prevention equipment that will:

Automatically shut off flow into the tank when the tank is no more than 95% full; or

Alert the transfer operator when the tank is no more than 90% full by restricting the flow into the tank or triggering a high level alarm.; or

Restrict flow 30 minutes prior to overfilling, alert the operator with a high level alarm one minute before overfilling, or automatically shut off the flow into the tank so that none of the fittings located on top of the tank are exposed to product due to overfilling.

ITEM 3. Add the following new subrule 135.7(9).

135.7(9) Certificate of completion for a site remediation. Upon a written request of an underground petroleum storage tank owner, the Department of Natural Resources will issue a certificate to the owner evidencing completion

of a remediation action by cleaning the site to then current action standards. The following conditions apply:

a. The written request to the department for the certificate must be made after receiving the department's letter acknowledging compliance with current action standards.

b. The certificate will be issued if the department does not order further remediation work to be performed within ninety days of the department's letter acknowledging compliance with current action standards.

c. A person issued a certificate shall not be required to perform further remediation solely because action standards are changed at a later date. Further remediation of the contamination could be required if the action standards in place at the time of certificate issuance are again found to be exceeded.

d. The certificate shall not prevent the department from ordering remediation of a new release or a release of a regulated substance from an ~~un~~registered tank.

e. The certificate may be recorded with the county recorder to evidence completion of a remediation in the chain of title.

f. The certificate will not constitute a warranty of any kind to any person as to the condition, marketability or value of the described property.

Date

Larry J. Wilson, Director

Mr. Stokes gave an explanation of the rules.

Discussion followed.

Motion was made by William Ehm to approve Notice of Intended Action---Chapter 135, Adopting U.S. EPA Rule Changes and Rules on Issuance of a Certificate Evidencing Completion of Remediation. Seconded by Nancy Lee Siebenmann.

Mike Earley stated that he will abstain from voting due to a conflict of interest.

Motion carried unanimously with the exception of Mike Earley abstaining.

NOTICE OF INTENDED ACTION--CHAPTER 135, DETERMINATION OF
INSOLVENCY - UST OWNERS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department requests Notice of Intended Action be given for new subrule 135.7(10) to Chapter 135, "Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks". The new subrule provides a mechanism for determining insolvency of the responsible party when federal LUST Trust Fund money is used for remediation of site contamination. Cost recovery from the responsible party is not required if they are determined to be insolvent.

Public hearings are scheduled for December 4, 1990 in the Oakdale Campus Auditorium at the University Of Iowa, December 6, 1990 at City Hall in Denison, and December 7, 1990 at the Wallace State Office Building in Des Moines. The deadline for filing comments with the department has been set at December 11, 1990.

(Rule is shown on the following page)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intention Action

Pursuant to the Authority of the Iowa Code section 455B.474, the Environmental Protection Commission gives notice of Intended Action to amend Chapter 135, "Technical Standards and corrective Action Requirements for Owners and Operators of Underground Storage Tanks", by adding a new subrule, 135.7(10). The new subrule provides a mechanism for determining if the party responsible for remediation of underground storage tank contamination is insolvent when attempting cost recovery of federal LUST Trust Fund money.

Federal LUST Trust Fund Money is used to remediate sites when the responsible party is recalcitrant, insolvent, or unknown. The department is required to do cost recovery of any money spent from the fund. If the responsible party is determined to be insolvent, cost recovery is not required.

Any interested party may file a written statement of position on the subjects covered by the proposed subrule no later than December 11, 1990. These written comments should be directed to Keith Bridson, Department of Natural Resources, 900 East Grand Avenue, Des Moines, Iowa 50319-0034, FAX 515/281-8895. Persons or organizations are invited to present written or oral comments at public hearings on these proposed rules which will be held: December 4, 1990, Auditorium, Oakdale Campus, University of Iowa, Iowa City, Iowa; December 6, 1990, Denison Community Room, City Hall, Denison, Iowa; and December 7, 1990, east half, fourth floor conference room, Wallace State Office Building, 900 East Grand, Des Moines, Iowa.

These rules are intended to implement Iowa Code section 455B.474.

Under the authority of 455B.474 the following new subrule to Chapter 567 -- 135(455B) is being adopted.

135.7(10) Determination of Insolvency. When federal LUST Trust Fund money is used to conduct a corrective action, the department is required to recover the cost of corrective action from the responsible parties. Cost recovery is not required if a responsible party is determined to be insolvent.

When solvency must be determined, the department will use "Method for Determining Insolvency of Underground Storage Tank Owners" dated September 4, 1990. The responsible party must submit the information required by the method on a form provided by the department.

Mr. Stokes distributed copies of supporting information relating to the proposed rule and explained same.

Motion was made by Margaret Prah1 to approve Notice of Intended Action--Chapter 135, Determination of Insolvency - UST Owners. Seconded by Richard Hartsuck.

Mike Earley stated that he will abstain from voting due to a conflict of interest.

Motion carried unanimously with the exception of Mike Earley abstaining.

PROPOSED CONTESTED CASE DECISION--NOVAK - BOOTH - BRAMMER

Mike Murphy, Bureau Chief, Legal Services Bureau, presented the following item.

On February 21, 1990, the department issued Administrative Order 90-UT-01 to Loretta June Novak, Kari and Robert Booth, Jr., and Joe Brammer. That action directed them to submit a plan for investigation and remediation of contamination from a tank site in Sharpsburg, Iowa. That action was appealed by Ms. Novak and the Booths, and the matter proceeded to administrative hearing on August 1, 1990. The Administrative Law Judge issued the attached Proposed Findings of Fact, Conclusions of Law, and Order on September 17, 1990. The decision affirms the Department's Order.

Either party may appeal the Proposed Decision to the Commission. In the absence of an appeal, the Commission may decide on its own motion to review the Proposed Decision. If there is no appeal or review of the Proposed Decision, it automatically becomes the final decision of the Commission.

Mr. Murphy briefed the Commission on the history of this case.

The Commission took no action; this has the effect of upholding the Administrative Law Judge's decision in the absence of an appeal.

REFERRALS TO THE ATTORNEY GENERAL

Mike Murphy, Bureau Chief, Legal Services Bureau, presented the following item.

The Director requests the referral of the following to the Attorney General for appropriate legal action. Litigation

reports have been provided to the Commissioners and are confidential pursuant to Iowa Code section 22.7(4).

Donald Null (Camanche) - solid waste/penalty
Gerald Pregler (Peosta) - solid waste/penalty
Sun Wise Systems Corporation (Sac City) - wastewater
Amoco Oil Company (Des Moines and Ames) - underground tanks
United Technologies Automotive (Iowa City) - air quality
Ruth Ann Coe (Mason City) - penalty collection

Donald Null

Mr. Murphy briefed the Commission on the history of this case.

Motion was made by Nancylee Siebenmann for referral to the Attorney General's Office. Seconded by Clark Yeager. Motion carried unanimously.

Gerald Pregler

Mr. Murphy briefed the Commission on the history of this case.

Motion was made by Margaret Prah for referral to the Attorney General's Office. Seconded by Mike Earley. Motion carried unanimously.

Amoco Oil Company

Mr. Murphy stated that this case involves an Amoco station in Des Moines where groundwater contamination has been documented and an Administrative Order was issued. Compliance has not been obtained and referral is being asked to get the company to investigate and remediate and also to collect penalties. The second station involved is in Ames and the department requested twice that they submit their investigation and plans. A plan was finally received but was late in being submitted and staff is asking referral.

Nancylee Siebenmann stated that she was very concerned when she read in the litigation report that there was a complaint regarding gasoline odors at Adams Elementary School, 100 feet north of the Amoco station.

Mr. Murphy noted that Amoco was advised by the department to put in a recovery trench. He was not sure what action was taken, but one deficiency noted in the litigation report is that they have not submitted a plan for collecting the free product.

Motion was made by Nancylee Siebenmann for referral to the Attorney General's Office with a specific request that something be done immediately to remediate the problem near the elementary

school. Seconded by Margaret Prah. Motion carried unanimously.

United Technologies Automotive

Mr. Murphy briefed the Commission stating that this case involves the construction of an air contaminant source prior to obtaining a permit. The company has agreed to a consent decree consistent with the recommendations in the litigation report and referral is being asked to formalize the consent decree.

Motion was made by Margaret Prah for referral to the Attorney General's Office. Seconded by Nancy Lee Siebenmann. Motion carried unanimously.

Ruth Ann Coe

Mr. Murphy briefed the Commission on the history of this case.

Motion was made by Margaret Prah for referral to the Attorney General's Office. Seconded by Richard Hartsuck. Motion carried unanimously.

Margaret Prah asked what the department does about judgments that are shown on the Attorney General Referrals report and have not been collected.

Mr. Murphy responded that an effort is made to collect them and the Attorney General's Office handles it through garnishments, etc. He added that they have taken post judgment actions to collect them.

Commissioner Prah stated that it would be helpful if the monthly reports indicated what kind of collection efforts have been made.

LEGISLATION PACKAGE - 1991

Mr. Combs reviewed legislative proposals and related budget costs.

A copy of the legislation package is on file in the department's Records Center.

Surface Water Protection - Lakes, Rivers, Streams, Marshes, and Wetlands

Objection was made by EPC to the NRC submitting this bill as a proposal when it is an area under the purview of the EPC.

William Ehm stated that he has real problems with this proposal as it is not needed where the banks along streams are higher than

the field beyond the bank. He added that it seems for this to be effective it needs to be looked at on an individual basis similar to the SCS headlands requirements program. Commissioner Ehm related that if it is going to be done, it should not be so broad based. He noted that it may serve a good purpose for the lakes in Dickinson County and for lakes in general, but carte blanche it is not a good idea.

Margaret Prah1 commented that it is difficult to submit a complete departmental package when the two commissions do not agree on all of the bills. It was decided to delay action on this bill until later.

Yard Waste Disposal for Small Communities

Mr. Combs distributed revised copies of this bill based on the Attorney General's recommendation that, for clarification purposes, the words "local communities" be changed to "cities and counties."

Margaret Prah1 questioned the exemption for small communities stating there is no reason to provide different regulations for communities because of size. She added that it would be an additional expense for large communities the same as for small communities.

Following discussion of this issue, Margaret Prah1 suggested striking the words "with a population of 2,000 or less" from the last sentence. The Commission concurred.

COMMISSIONER ABSENT

Mike Earley left the meeting at this point (3:00 p.m.).

Local Ordinances Regulating Sludge Disposal

Mr. Combs distributed a revised copy of this bill which incorporates the wishes of the Commission that cities and counties regulations not be more stringent than those of the department.

The Commission concurred with the revised bill.

Surface Water Protection - Lakes, Rivers, Streams, Marshes, and Wetlands (continued)

Motion was made by Clark Yeager to withdraw the Commission's support of this bill. Seconded by Rozanne King.

Mr. Combs asked if the Commission even supported this bill to begin with.

Commission Yeager stated that he does not want it misconstrued that he supports this bill.

The Commission concurred that they would like it to be made clear which bills are those of the EPC and which are those of the NRC.

Discussion followed regarding the total dollar amount for the legislative package.

Vote on Commissioner Yeager's motion to withdraw support for the Surface Water Protection bill carried unanimously.

Household Hazardous Material Collection System

Discussion took place regarding a mandate that each regional planning area provide this type of program.

Richard Hartsuck suggested that the Commission recommend that this program be mandated and that adequate funds be provided.

The Commission concurred with Commissioner Hartsuck's suggestion.

Motion was made by William Ehm to approve the following bills in the department's legislative package: Environmental Protection Programs Support; Waste Reduction/Recycling; Household Hazardous Material Collection System as amended; General Permits; Criminal Penalties for Solid Waste and Air Quality Violations; Financial Responsibility for Recycling and Reclamation Businesses; and Local Ordinances Regulating Sludge Disposal. Seconded by Margaret Prahl. Motion carried unanimously.

REFERRALS TO THE ATTORNEY GENERAL (Continued)

Sun Wise Systems Corporation

Mr. Murphy stated that staff is asking referral to obtain compliance with waste water pretreatment standards and for appropriate relief concerning past violations. He noted that this is an electroplating facility and their waste water contains zinc and chrome. They were issued an Administrative Order in 1988 which was subsequently amended to require compliance as of May 31, 1989. He added that the discharges caused problems with the city sludge and the city had to obtain a high rate permit. Mr. Murphy related that the city has taken legal action on a number of the violations.

APPOINTMENT - CHARLES SCHULTE

Charles Schulte, Attorney for Sun Wise Corporation, addressed the Commission asking that they forbear sending this to the Attorney General. He stated that the company is fairly new and they did not know at the time they started business that it was generating anything that was in violation of the environmental quality laws. In January, 1989 the company entered into a pretreatment agreement with the City of Sac City. He related that the company has since made continual efforts to be in compliance including the purchase of new equipment and a change in procedures. Mr. Schulte stated that sampling or testing procedures are not accurate as the company tests would show they were in compliance and the city tests would show they were not. He related that one day the DNR, the city, and the company each took a sample which were sent to UHL, the company's laboratory, and the laboratory used by the city and the results were three different numbers. He stated that everything is now tested on a daily basis before going down the drain. Mr. Schulte again asked the Commission to forbear referral at this time as he feels the company has not had adequate time to get it under control considering the complexity of the problem.

Discussion followed.

APPOINTMENT - KEN PAP

Ken Pap, President, Sun Wise Systems Corporation, stated that in January, 1989 a pretreatment agreement was reached with the city and the new system was up and running by July, 1989. He stated that they had some citations between July and November, 1989 with the last citation being in December, 1989. Mr. Pap distributed a time table showing their compliance record, correspondence written, and steps taken to correct their problems and he expanded on same. He stated that they now test everything that goes down the drain and further explained that sediment goes through a filter press and comes out as a hazardous waste solid, which is stored in steel drums then hauled to Chemical Waste Management in Illinois.

Discussion followed regarding disparity in testing results.

Mr. Murphy stated that the only disparity is that their lab analyzed one sample higher than the state's lab, and they were not cited for a violation on that date.

Motion was made by William Ehm for referral to the Attorney General's Office. Seconded by Nancy Lee Siebenmann.

Richard Hartsuck asked if there would be an interest in an agreement of another three months of monitoring and make a judgment based on that, in lieu of referral.

William Ehm pointed out that there was a similar case several months ago and the Commission did not offer them additional time.

Discussion followed regarding the number of violations involved.

Mr. Pap stated that there were 18 violations charged by the city. He added that after reviewing the test results from both the city and the company, it was clearly agreed that on two occasions the company was out of compliance and guilty pleas were entered under the city ordinance for those violations; the remaining violations were dismissed. Additionally, there were four other city charges in which the company was found guilty and two charges in which they were found not guilty.

CLOSED SESSION

Motion was made by Clark Yeager to go into closed session pursuant to Iowa Code Section 21.5(1)c to discuss strategy with counsel in matters that are in actual or potential litigation where its disclosure would be likely to prejudice the position of the governmental body in that litigation. Seconded by Rozanne King.

Chairperson Mohr requested a roll call vote. "Aye" vote was cast by Commissioners Ehm, Hartsuck, King, Prahl, Siebenmann, Yeager, and Mohr. Motion carried on a vote of 7-Aye.

Motion was made by Richard Hartsuck to adjourn closed session and return to open session. Seconded by Clark Yeager.

Chairperson Mohr requested a roll call vote. "Aye" vote was cast by Commissioners Ehm, Hartsuck, King, Prahl, Siebenmann, Yeager, and Mohr. Motion carried on a vote of 7-Aye.

Motion was made by William Ehm to amend his motion for referral to the Attorney General's Office to stipulate that if there are no further violations and no evidence of criminal misdoings, that there be a cap of four days violation in terms of the fine. Seconded by Nancy Lee Siebenmann. Motion carried unanimously.

Vote on Commissioner Ehm's original motion for referral carried unanimously.

CONTESTED CASE DECISION APPEAL--DONALD RAY MAASDAM

On April 2, 1990, the department issued Administrative Order Mike Murhpy, Bureau Chief, Legal Services Bureau, presented the following item. 90-SW-07 to Donald Ray Maasdam. That action required Mr. Maasdam to stop the accumulation and storage of tires until he obtained a permit, to properly dispose of the accumulated tires, and to pay a \$1000 penalty. That action was appealed and the matter proceeded to administrative hearing on August 9, 1990. The Administrative Law Judge issued the Proposed Findings of Fact, Conclusions of Law, and Order on August 22, 1990. The decision affirmed the Department's Order, with the exception of rescinding the penalty.

At its September, 1990, meeting the Commission moved to review the findings of the Administrative Law Judge on the penalty issue. In addition, Mr. Maasdam has appealed this order to the Commission. The Proposed Decision, and pertinent documents have been distributed to the Commissioners. The entire record, including hearing tapes and exhibits are available for your review. The parties will be available to argue their respective positions and respond to your questions. You may then affirm the Proposed Decision, or modify or reverse it, substituting your own findings of fact and conclusions of law based on your conclusions from your review of the record and legal argument.

Mr. Murphy reminded the Commission this matter was brought to their attention for information purposes last month. The Commission had some concerns about the finding of the Administrative Law Judge in regards to the penalty and moved to review it on their own motion. He related that shortly thereafter the department received an appeal from Mr. Maasdam. Mr. Murphy stated that the Commission needs to consider Mr. Maasdam's appeal and also their own concerns over what the Administrative Law Judge did in regards to the penalty.

He again briefed the Commission on the history of the case.

APPOINTMENT - ELDON WINKLE

Eldon Winkle, Attorney representing Donald Maasdam, stating that in 1979, Mr. Maasdam rented two acres of pasture to an individual named Ronald Prestis who accumulated tires on the land. He stated that Mr. Prestis died in 1985 and Mr. Maasdam never accumulated tires after that. Mr. Winkle related that Mr. Maasdam lives on social securi conducts a little business in which he sells recyclable items he gets from the Pocahontas County Landfill. He noted that Mr. Maasdam is an environmentalist and would like everything recycled but he cannot afford to do anything with the tires. Mr. Winkle related that Mr. Maasdam does not have the money it takes to obtain a permit

allowing him to keep the tires. In conclusion, Mr. Winkle stated that his contention is that Mr. Maasdam is not the owner of the tires, he did not accumulate them, and he is not financially able to do anything with them. He stated that they would like to see someone come in and do something with the tires.

Nancylee Siebenmann asked if any thought had been given to a claim against the estate of Mr. Prestis.

Mr. Winkle indicated that there was no estate.

Discussion followed.

Nancylee Siebenmann suggested that the department make every effort to work with Mr. Maasdam to find a way to remove the tires.

Motion was made by Richard Hartsuck to affirm the Administrative Law Judge's decision. Seconded by William Ehm. Motion carried unanimously.

GENERAL DISCUSSION ITEMS

1) Richard Hartsuck stated that, in April, the Commission discussed the Toxic Air Pollutants rule and tabled it until November on the basis that Congress was going to take action on similar rules. He suggested that staff draft a set of regulations which would be as nearly as possible consistent with what is thought the federal regulations will be.

2) Director Wilson explained that the Steele Prairie issue was presented by some individuals at a Natural Resource Commission meeting in Spencer. The NRC advised those people that this is a function of the EPC and their concerns should be presented to that Commission. Mr. Wilson related that he also made it clear that the decision on a permit for a hog confinement facility is an administrative decision to be made by Allan Stokes and his staff. Additionally, there is a section of the Code which gives the Director authority to deny a permit to build an anerobic lagoon if it is declared by the Director it may be potentially harmful to the environment.

3) Discussion took place regarding cleanup costs involved in the case of DALs employee, Jim Cunningham, on whose lawn chemical containers were dumped.

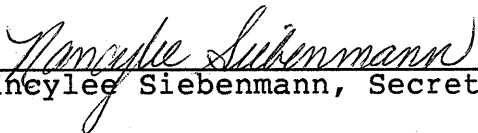
Mr. Stokes indicated it was decided to see if DCI can determine a responsible person and then pursue cost recovery.

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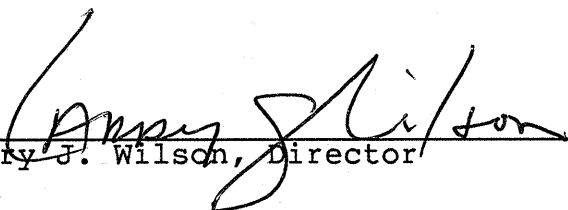
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ADJOURNMENT

With no further business to come before the Environmental Protection Commission, Chairperson Mohr adjourned the meeting at 5:55 p.m., Monday, October 15, 1990.



Nancy Lee Siebenmann, Secretary



Larry J. Wilson, Director

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